

**VHF-UHF  
DIGEST**

1974  
AUGUST

**THE SUPER  
BURST  
GUIDE**

**meteor scatter  
month**

# **publishers' notes...**

**WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA**

**1974 CONVENTION...**by the time you read this, the WTFDA convention held in Topeka August 2-4 will be history. It can go without saying a great time was had by all and it will have provided an opportunity to meet fellow members, make new friends, talk shop, etc. If you were unable to attend this year, start thinking about '75 now. Plans are now being made as to establishing next year's site, and will be announced in subsequent issues.

**NEW COLUMN...**this month marks the debut of a new column in the VUD. PHOTO-NEWS appears on page 44 and is a feature column consisting of photos of members, their DX, equipment, and other items of interest. Jim Alexander is the editor, and wants to make you famous! So send your photos to him (but please specify if photos need to be returned).

**NEW TV-FM SCOREBOARD EDITOR...**effective September 1, Clarke W. Ingram will edit the TV-FM SCOREBOARD portion of the STATISTICS COLUMN. See page 7 for his address and other info. Glenn Hauser will continue to edit other "STATISTICS" data.

**ANOTHER EDITORIAL CHANGE...**Richard Wood has moved to New York and therefore wishes to relinquish his SOUTHERN FM DX column. Larry Vogt of Springfield, VA has agreed to take over the column on a temporary basis, until a new editor can be found. So, if you live in the South and would like to volunteer, contact Don Ruland (4448 68th Pl., Kenosha, WI 53140) right away. In the meantime all Southern FM reports should be sent to Larry (see page 16 for details).

**HOW TO DX A DXER...**if you are within DX range of Michigan try on weekdays for WJBK-2 Detroit from 0550-0600, WJRT-12 Flint from 0600-0610, or WJIM-6 Lansing from 1220-1230 (all EDT). If you succeed you'll have Roger Brown (PGC TV editor) in your DX shack. Reg hosts "Town & Country Almanac", a Michigan State University produced agricultural talk show.

**A FRIENDLY REMINDER...**all column editors please adhere to the guidelines indicated on page 26 of the April 1974 VUD when preparing your columns. Please note especially typed page length and width specifications (11 1/2" by 7 1/2"). If you notice unfilled pages, you'll see what we mean. All columns and editorial material should be sent to Don Ruland, while all other club business continues to be handled out of Deerfield HQ.

73...

Gary, Morris, Don

TERRY COLGAN  
1605 Mearns Meadow Boulevard  
Austin, TX 78758

# DX MAILBOX

Welcome to the August installment of the "MAILBOX". Without delay, let's welcome the following new members:

F. T. Bosse	2813 Hoskins Drive	Jeffersonville, IN 47130 *
Gary T. Bourgois	P.O. Box 146	Ishpeming, MI 49849 *
J. David Buch	21 Market Square	Manheim, PA 17545
Danny Nuntin	1020 South Duncan	Stillwater, OK 74074
Thomas V. Cornell	505 Hillcrest Drive	Kokomo, IN 46901
Victor A. Fazekas	5214 Lightning View Rd.	Baltimore, MD 21045 *
Willard W. Fischer	120 East Trapp	Herington, KS 67449 *
K.L. Ford	1601 E. Washington	Clinton, IL 61727 *
Michael Hogan	4811 Euclid Avenue	East Chicago, IN 46312
George Hudak, Jr.	941 Sherwood Luke Dr.	Schererville, IN 46375 *
Clint Huggins	611 Ellendale Dr.	Winter Park, FL 32789 *
Vane A. Jones	6710 Hampton Dr. E.	Indianapolis, IN 46226
Steven M. Kennedy	175 Monroe Dr.	Sarasota, FL 33580 *
R. E. Lyons	2864 W. Bay Drive	Large, FL 33540
Patrick Martin	P.O. Box 149	Warrenton, OR 97146
Carl Moore	P.O. 237	Brattleboro, VT 05301 *
Dan L. Neupst, Jr.	317 North Main St.	Montgomery, IL 60538 *
R. Pade	R.R. 2	Indian River, ON K0L 2 B0 *
Frank Parochka	2410 S. Alpine Road	Rockford, IL 61108
Jerry Rankin	306 South Oak	Shelbyville, IL 62565 *
Lars Ryden	Barrvägen 11	19143 Sollentuna, SWEDEN
Don Sefton	23 Fairview Pl.	Orangeville, ON
E. M. Shank	3344 Mentone Avenue	Los Angeles, CA 90034 *
Peter Scheader	104-37-103rd Street	Richmond Hill, NY 11417 *
Elroy W. Shelley, Jr.	7037 N. 41st Street	Milwaukee, WI 53209 *
James A. Sofonia	P.O. Box 534	APC Seattle, WA 98748 *
EM-C Albert S. Taylor	Post Services Div.	NAS Pensacola, FL 32508 *
David Vandenberghe	704 May Street	Kewanee, IL 61443 *

And now, the news!

PSB DXer, STEPHEN MALONE (181 Solvage Avenue, Teaneck, NJ 07666) would like to hear from any and all Club members with an interest in VHF-radio. How 'bout dropping him a line?

Electronics Technician, GEORGE HUDAK, lists the following equipment in his shack: Sears 12" b&w, and 19" color portables, a Realistic DX-150-B, and a Wards AM/FM receiver. George also belongs to NRC and IRCA.

Fellow Kansan (in spirit, at least), WILLARD FISCHER, uses a Regency ACT-R-10 and a Cobra PF-1 to monitor the PSB bands.

K9LHA, THOMAS CORNELL, has worked 48 states on 6M using a Heath SB-110A and a 6 el. antenna at 70-feet; and received 370 PM stations using a home-built FM tuner and a 10 el. LP at 75-feet.

When not studying at Milwaukee Area Technical College, ELROY SHELLEY, operates a Swan 250 and a 5 el. beam on 6 meters, and a Clegg "22er" with an 11 el. beam on 2 meters.

Our third new VHF-radio DXer for the month is R. PADE who listens on a Realistic "PRO-2", a Sony aircraft-band receiver, and a Regency aircraft-band scanner.

Two members who should get together to compare equipment are DAVID VANDENBERGHE and CLINT HUGGINS. Both use a McIntosh MR-78. Clint also uses a Finco FM-12 at 30-ft.

R.E. LYONS reports formation of a new Florida DX Club. If you're interested in joining, contact Mike Dalton, Dalton Boys Stereo, 1840 Drow Street, Clearwater, FL 33517. R.E. lists a Marantz 2245 receiver and double-stacked 6 el. beams as part of his equipment.

STEVEN KENNEDY provides a well-rounded shack, with a Sherwood S-7100, a Drake R-4B, a Lafayette HE-30 and an Electra Bearcat III scanner. Steve, incidentally, is a radio engineer for WKZM.

That's about all for this month!

*Terry*

# FCC FM NEWS

Bruce F. Elving, Editor  
Box 24  
Adolph MN 55701, U.S.A.

at 96.3 MHz, Muncie IN: UN  
98

## New Construction Permits

AL Huntsville \*90.1 25000 310\*  
ID Idaho Falls \*91.9 10  
ID Pocatello 94.9 100000; 900\*  
IL Sullivan 106.3 3000 h.v.; 300\*  
KS Salina 91.7 100000 h.v.; 510\*  
LA Franklin 95.3 3000 h.v.; 155\*  
ME Rumford 96.3 25000 h.v.; 14\*  
MS Jackson \*91.5 10  
MO Lebanon 92.1 3000 h.v.; 300\*  
MT Missoula 100.1 2570 h.v.; 810\*  
OH Columbus \*91.5 10  
SC Columbia \*89.7 60000; 410\* Columbia Bible College. Frequency may be in error or period: WUSC Columbia will be moving there. \*89.5 to another frequency. I'll check with FCC on this.  
SD Sioux Falls 104.7 100000 h.v.; 700\*  
TX Tyler 99.3 3000; 275\*  
UT Beaver \*90.1 10

## On Air and OX Ready!

CA Salinas KAUB \*90.9 10  
FL Miami WJUL 107.5 100000 h.v.; 460\* and country music forest - thanks to R. Clark  
HI Walluku KAOI 95.1 100000 h.v.; 1170\*  
ID Twin Falls KMTW 96.5 100000 h.v.; 130\*  
MI Tustin WQXR 96.3 1800 h.v.; 160\*  
MOR, Mono, good verbiage! (WQXR)  
MI Oak Park \*90.3 WOPR 10 [Calls from]  
MI Orchard Lake WBLD \*89.3 10 [Hit Parade]  
NJ Pleasantville WOPR 94.3 3000 h.v.; 290\*  
NH Mesilla Park KOPE 104.9 3000 h.v.; -32\*  
OK Ardmore KKAJ 95.7 100000 h.v.; 451\* &  
OR Central Point KOCB \*91.7 10  
TX Keene KSUC \*95.3 1850; 215\*

## Changes in Facilities

CA Carlsbad KARM-FM 95.0 96\* (3000 h.v.)  
CA Madera KJUL 92.1 adds v  
CA San Diego KLRD 94.9 2150 h.v.; 1760\*  
CA Twentynine Palms KQVW 95.7 -89\* [83 v (5000 w h)]  
DC Washington WDCB-FM 101.1 500\* (50000h.v.)  
WUMS-FM 103.5 47000 h.v.; 510\*  
IN Princeton WRAY-FM 98.1 50000 h.v.; 420\*  
IA Davenport KRRV 106.5 60000; 210\*  
KS Topeka KIPK 102.9 340\* (100000 h.v.)

## KS Wichita KFDI-FM 101.3 adds v

KARD 107.3 80000 h.v.; 980\*  
KY Elkhorn City 107.1 30000 h.v. [209\*]; calls assigned: WECU  
MI Detroit WDET \*101.9 adds v  
MI Genesee WFLS-FM 107.3 50000 (110\*)  
MI Houghton Lake WJGS 98.5 100000; 480\*  
MN Park Rapids KPRM-FM 103.7. FCC changes allocation to 97.5; authorization for KPRM-FM to change frequencies to follow. Similarly, WJUL St. Cloud to change from 101.7 to 98.1. [30000h.v.]  
MN Newwood Falls KLSR-FM 97.7 295\* /  
NE Lincoln KHKS 102.7 100000 h.v.; 430\*  
NY Rochester WRUR-FM \*88.5 to 97.0 (120\*)  
WRUR failed to get licensed at previously-authorized power of 19500. Interference to another station? Stereo.  
NY Loudonville WVCB-FM \*88.3 360; 60\*  
NC Asheville WLOS-FM 98.5 19000h.v.; 2670\*. Oh Biscuits WBCO-FM 92.7 3000 h.v. (300\*). Oh Cincinnati WUCV \*90.9 32000 h.v. (600\*). [460\*]  
PA Sharon WYFM 102.9 26000 h.v. 7100 v/  
SC Myrtle Beach WMYE-FM 92.1 3000h.v.; 300\*  
TX Mineral Wells KMMI 95.9 296\* (3000h.v.)  
VA Lexington WLRN \*91.5 175; -175\*  
VA Manassas WJZB 106.7 50000 h.v.; 500\*  
WA Clarkston KCLX-FM 94.1 28500; -520\*  
FR San Bernier WGPC 95.1 25000 h.v.; 1970\*  
Previously-noted application for Lexington Park MD was for 97.7 and not 92.7, and it is in hearing with an application for 97.7 in Leonardtown MD. (acted)

## On the Air with Changed Facilities (Selected)

CA Santa Cruz KUSP \*88.9 860 h.v.; 2530\*  
CT Hartford WHCN 105.9 19000 h.v. (740\*)  
IL Downers Grove WDCB-FM \*88.3 250; 130\*  
IL Jasper WJZ-FM 104.7 50000 h.v.; 390\*  
MO Kansas City KXTR 96.5 90000h.v. (670\*)

## Construction Permit Extended (Selected)

WI Shell Lake WACF 95.3 to 12-29-74  
Dual-City Identifications  
FL Ft. Lauderdale WAXY 105.9 to Ft. Lauderdale-Miami [Pottstown]  
PA Reading WRFY-FM 102.5 to Reading-/

## To Go Stereo (S)

AL Montgomery WHYY-FM 101.9  
TX El Paso KEEZ 96.3  
WV Parkersburg WHYO-FM 103.1  
WI Hayward WRLS 92.1

## Deletion

NE Auburn KAUB 105.5 [It never operated]  
Returning to Air after Apparently Being Off: NH Artesia KSVP-FM 92.9 50000h.v.; [10:00]

## Call Letter Assignments

AL Birmingham 99.5 WVDK-FM  
AR Berverville 107.1 KAAM  
CA Modesto \*89.9 KSHY-FM\* (from KOAU)  
CA Fismo Beach 95.3 KPBA  
CA Marietta 101.5 WBLI (WBIE-FM)  
IL Geneseo 104.9 WCRD  
IL Angola 103.7 WLMK (WAFM)  
KY Louisville 107.9 WVEZ (WARK)  
MD Halway \*96.7 WDCB (WHAG-FM)  
MI Caro 104.9 WKYO-FM  
MS Biloxi 93.7 WQID (WYMI-FM)  
NC Brandon 97.7 WRJH [to H. Holbrook]  
NJ Atlantic City 95.1 WATV (WRNJ; thanks/  
NM Espanola 102.3 KRSD  
NY Saratoga Springs \*91.1 WSPH  
PA Norristown \*91.5 WVEE  
TX Dallas \*92.1 KRSM  
TX El Paso 95.5 KUOE  
VA Harrisonburg 100.7 WQFO (W5VA-FM)  
WI Green Bay \*90.1 WSHPP-FM  
WI Rhinelander 107.9 WRRH (WGBT-FM)  
WY Jackson 96.9 KWTN  
PR Lucapilla 92.1 WZOL (WEEG)

To explain why I put \*FM\* after stations like WLOS, WVCB, WRUR and WGPC: These stations have no like-call AM affiliate or TV affiliate that was established before the FM. Thus WLOS-FM came on the air before there was a WLOS-TV. WLOS-FM became WLOS-FM when the AM station, known as WLOS, was sold and changed its call. This practice in assigning calls differs from that used by the FCC, but I believe it is more correct. Now, on to other earth-shaking matters...

## FM INDUSTRY NEWS AND MEMBERS' REPORTS AND COMMENTS

In an effort to improve this column's reportage, I am now receiving FCC news releases, the full value of which remains to be seen. I will continue to use Broadcasting and the AM-FM Addenda to Television Digest as supplemental sources, including data sent by readers. Occasionally, I hear "closed circuit" on the ABC radio networks and recently noted that KISR 93.7 Fort Smith AR is ABC-FM (replacing KMAC 99.1, which goes Contemporary network); KXOA-FM 107.9 Sacramento goes ABC-FM (KCTO 96.1 there goes to ABC Entertainment), and WKSJ-FM 94.9 Mobile AL goes ABC-Information. WBLX 92.9 Mobile AL National Black Network, \$

Stations noted with \$tarcod: KBCN 95.5 Sioux City IA (country format; @ affiliate); KBRK \*88.3 Brookings SD (a return to \$ following power rise from 10 watts); WNOO-FM 107.1 Wisconsin Dells WI (Mutual affiliate). Not heard in \$: KBFO 94.1 Beaumont TX. WDDD-FM 96.5 Fajardo PR now gospel music; WSEZ 93.1 Winston-Salem NC 6 a.m. to 6:30 p.m., MOR 6:30 p.m. to 1 a.m. KOWH-FM 94.1 Omaha NE and KISS 99.5 San Antonio TX now both \$; KISS converting to a rock format. WLEG-FM 100.7 Brunswick GA now MOR, @ affiliate; WDEA-FM



95.7 Ellsworth ME, mono, CBS and much sports. WJJD 97.7 Grundy VA mono MOR; WBSJ 102.3 Ellenville NY \$, country and gospel music. WMLA 93.3 La Crosse WI shifts from M to rock.

KEER-FM 100.3 San Antonio TX drops country, now MOR with local San Antonio Brewer baseball, affiliating with ABC-FM (replacing KEEZ 97.3). Trinity University applies for a 10-watter on \*88.1, to be in \$ with rock 6 a. m. to 2 s. m. daily, requesting call letters KRTU (Radio Trinity University). Meanwhile, another group is soliciting support for a new 50- or 100-kw public radio station in San Antonio on \*89.1.

DXing opportunities in Alaska are severely limited not only by the comparative lack of FM stations, but because of 22 hours of sunlight during the summer causing a "total absence of temperature inversions," and relative humidities are very low, reducing the refractive index. KUAC 704.7 Fairbanks provides good reception on the way out of town at a distance of 60 miles, "fading to hash by 90 miles," but that is on a good portable. Car sets get a good signal only out to 35-45 miles. Mountains, too, play a role in limiting FM reception on both a regular and a DXing basis. There's been no skip to the "lower 48," although Seattle at 1500 miles is theoretically possible.

Andrew Smith, Hyattsville MD, reports that WJWJ-FM 100.3 Newark NJ is now WYXI-FM, which is a call change that I will probably get through official channels for next month. Both WGTB \*90.1 Washington and WB/C \*91.5 Baltimore have improved their coverages. (By the way, does anybody know where "Morningside" MD, city of license of WPOC-FM, is? I haven't seen "Morningside" on any map!) WTR 95.9 Bethany Beach DE on 24 hours with rock. WMVA-FM 96.3 Martinsville VA top 40 during day; progressive rock 6 p. m. to 1 a. m. Andy also sent the May '74 Forecast FM, from which I learned that WCAC-FM 102.7 Baltimore is now \$, and WZZR 106.7 Manassas VA has vertical polarization.

WAFG \*90.3 Fort Lauderdale returned to the air June 2 with a gospel format, but no longer stereo. It seems that they have dropped their power to 1 kw as they don't come in as well, and there is now only one ring on their tower. Dover NJ's WDEA 105.5 switches from classical to rock, WAAL 99.1 Rixhantton NY is now \$, and WZZX 107.1 Scranton PA is now \$, MOR.

Concerning the Guadalajara information of last month, it is confirmed that XHRO is the correct call for 95.5 in this Mexican city; XETIA-FM is probably correct for 97.9 instead of XHTIA, while XEAD-FM 101.9 plays all rock music, most of which is from the U. S. A. with lyrics in English, but all announcing is in Spanish.

Soon to come on the air, with testing to have been done in early June, is WORE 107.1 Barre VT (3000 h.v.; -165'). WORE will be \$, 24 hours, Hit Parade format. As noted on the previous page, Paul Petosky's WQXO 98.3 Munising MI is on the air. Paul says Lou Chappell, owner of WUOH 100.1 Marquette MI, is applying for Houghton MI 97.7. WQXO, incidentally, claims excellent coverage for a Class A, with a report from Baraga at 90 mi.

WUOW 99.1 Milwaukee reported to be CBS, as is WWRW 103.3 Wisconsin Rapids WI. WDUX-FM 92.7 Waupaca WI now rock, having discontinued MOR tapes. WVRM 102.7 Surging WI accepting donations for new stereo equipment. WFOH 107.1 Fond du Lac WI MOR days, rock nites, \$.

High up in the Sierra Nevadas, NE of Fresno, new and improved signals are reported from KCSM \*91.1 San Mateo and KUSP \*88.9 Santa Cruz, KUSP having recently increased to 860 h.v.; 2530'. "K101" San Francisco is now 'FM and AM.' KIOI 101.3 simulcasts on an AM daytime; KIQI-1010. Although they do ID every half-hour as KIOI and KIQI, they more often refer to themselves as 'K-101,' whether FM or AM.' KPMP 93.7 Chico now rock and \$, KEAR 97.3 with g is \$ (while commonly owned KEER 100.5 Sacramento is not \$), and KTRB-FM 104.1 Modesto, which has languished for years simulcasting AM, has plans for 24 hours. \$, KPFG-FM 96.3 L. A. is UPI, while XHRS 100.1 Tijuana, Mexico, disappears; replaced by XESOL 104.5 with a soul format. Apparently 1000' HAAT in the direction of Los Angeles, and receivable in L. A. despite adjacent channel signal from KITT.

In FL, WQOH DeFuniak Springs 103.1 not yet on; WJLQ 100.7 Pensacola now rock, \$; WAAZ 104.9 Crestview is CBS, duplicates WJSB, with WJSB jingles often heard on WAAZ.

Contributors last month: Frank Aden, Bend OR; Edward Barbort, L. Fischer, College AK; Robert L. Fawcett, New York NY; En. R. Norristown PA; Richard Clark, Lighthouse Point FL; Bill Coleman, Hiale, Shalimar FL; Harry J. Hayes, Gouldsboro PA; Hank Holbrook, Chevy Chase MD; Isatolo, Eric Norberg, Hollywood CA; Rocky Mount NC; Mike Collins, Hartford CT; Bill Dickerman, Billingsport PA; John Ebeling, Bloomington MN; Joe Fels, S. Plainfield NJ; Bill Frahm, Boise ID; Edward Isatolo, Appleton WI; Nick Lombardi, Atlanta GA; Maximo Perez, Long Island City NY; Jim Pizzi, Orcutt CA; Jerry Robertson, Crosskill NJ; Allen Rockford, Paul E. Petosky, Munising MI; A. Smith; Dennis Smith, CA. Jim Pizzi also writes and says that KPMD 95.5 Fresno is now country music, KCPD \*91.3 San Luis Obispo is mono rock, while KCSB \*91.5 Santa Barbara is mono, refuting previous information which had this station as \$. KLOM-FM 92.7 Longue is lajara, Mexico. Mary Robbins, Omaha NE, sent the item about KOPH, mono, rock, KNAV 95.9 Monterey-Salinas is rock, \$, and KPRA Contributors this month: Clark; Pat Dyer, San Antonio TX; Robt. Ha.3 Paso Robles is \$, country.



# FCC TV NEWS — DATA

Roger H. Brown WNSSEN  
1617 Linden St.  
East Lansing, MI 48823

August 1974

## Status Changes

KPOB-15 Poplar Bluff, MO off temporarily  
in early June  
WJJY-14 Jacksonville, IL license can-  
celled (dark for several years)

## CPs

Cookeville, TN, Ch. 22 ETV granted  
660KW V, 1400'AAT  
Denver, CO, Ch. 31 cancelled  
Washington, DC, Ch. 32 ETV granted  
1200KW V, 770'AAT  
San Bernardino, CA, Ch. 18 granted  
2500KW V, 2400'AAT

## Applications

Fort Dodge, IA, Ch. 46 ETV requests  
2700 KW V, 1000' AAT

## Changes Granted Active Stations or CPs

WCFT-33 Tuscaloosa, AL 525KW V, 500'AAT  
WFTV-9 Orlando, FL 316KW V, 1800'AAT  
KQMD-11 Williston, ND 175KW V, 1000'AAT  
WTOG-11 Savannah, GA 316KW V, 1500'AAT  
WNSN-44 Chicago, IL 4300KW V, 1400'AAT  
WGVC-35 Grand Rapids, MI 1300KW V  
KUID-12 Moscow, ID 115KW V  
WCAE-50 St. John, IN 2000KW V, 400'AAT  
WMED-31 Peoria, IL 2000KW V, 650'AAT  
WGPR-62 Detroit, MI (Not On) 1000KW V,  
1100'AAT  
KPOB-15 Poplar Bluff, MO (Not On) 400KW V  
600'AAT  
WDCN-8 Nashville, TN 125KW V,  
KCOY-12 Santa Maria, CA 115KW V

## Call letter action

Sioux City, IA Ch. 27 ETV granted KSN  
(someone had to get it)  
Beaufort, SC Ch. 16 ETV granted WJWJ-TV  
Brownsville, TX Ch. 23 granted KGOJ  
Albion, NE Ch. 8 now KCNA-TV (was KHQL)  
Hayes Center, NE Ch. 6 now KWNB-TV (was KHPL)  
Kearney, NE Ch. 13 now KHGI-TV (was KHOL)  
Superior, NE Ch. 4 now KSNB-TV (was KHTL)

## Miscellaneous

There were many translator happenings in  
last two months and since I'm late as  
usual with column, will hold off on same.

F L A S H for Midwest DXers. News newer than  
the FCC register. A CP has been granted for  
Ch. 11, Alpena, MI. That's one of the new V  
markets without a station left in East US.  
Owner is PhD candidate at Mich. State.  
More on this later.

Interesting note from G. Hauser. Ch. 6 ETV  
CP for Mountain View, Ar. Calls for 0-offset  
to adjacent stations. Something new and  
unique I think.

Good note from Bill Thompson in Buffalo  
with info about Ch. 26 translator going  
in near Bob Seybold (Fredonia, NY). Will  
be 1000 Watter on a 555' tower, on one  
of those mini-mountains on the East end  
of the Lake Erie tropo path.

DXing here limited by time, hamming, rotor  
and tower difficulties. Missed most Es  
but did see WORT-7 Miami in June. 73 ROG

TV AND FM SCOREBOARD  
EDITOR FROM 1 SEPT.:

Clarke W. Ingram  
5201 Colewood Drive  
Pittsburgh PA 15236

Deadlines to be  
Announced



TV AND FM DISTANCE  
RECORDS : NEW ADDRESS

Glenn Hauser  
1312 West Oak Ave  
Enid OK 73701  
10 Aug : TV 22-25  
10 Sept : FM 93; TV 26-29

FM SCOREBOARD

DXer, Location	S T A T I O N S				P O L I T I C A L   U N I T S						
DXer, Location	Total	88-92	Es	MS	USA	Can	Mex	For	Total	YB	As of:
Andy Bolin, Charleston IL	1356	177	402		444	6	4	2	57	70	4 Jul
Pat Dyer, San Antonio TX	651	78	493	7	384	2	6	3	50	70	9 Jul
John Ebeling, Bloomington MN	784	99	353	13	424	4	2	0	49	52	2 Jul
*Robert Seybold, Dunkirk NY	742	72	274	0	41	4	4	0	49	60	17 Mar
Fred McCormack, Des Laos ND	587	81	397	18	414	5	2	0	49	65	5 Jun
Glenn Hauser, Enid OK	520	30	276	41	39	4	5	1	49	65	23 Jun
*Bruce Ebling, Adolph MN	1211	94	521	6	424	3	1	0	47	48	25 Feb
Glenn Hauser, Stillwater OK	415	98	164	20	374	2	5	1	46	73	13 Jul
Ron LeBlanc, Mazzerro LA	534	71	189	2	344	2	3	4	44	71	25 May
Fred Nordquist, North Syracuse NY	652	79	230	9	384	2	0	2	43	69	8 Jul
Peter Sawatzky, Waterloo Ont	424	41	157	26	36	3	0	0	39	71	6 Jul
R. J. Steinberger, Hudson MA	305	59	63	6	28	2	0	0	30	53	5 Jul
Wayne Ebeling, Bloomington MN	201	40	64	1	23	0	0	0	23	72	2 Jul
Joseph Smith, Johnson City NY	169	18			124	1	0	0	14	71	1 Jul
*Gil Morgan, Garden Grove-Santa Ana CA	152	34	33	4	12	0	1	0	13	69	1 Apr
Steven Wiseblood, Santa Maria CA	119	14	13	0	9	1	1	0	11	71	10 Apr
Jim Alexander, New Hartford NY	76	13	13	0	9	2	0	0	11	74	Jul
Dennis Smith, Wasco CA	202	25	41	1	8	0	1	0	9	52	17 Apr
*Frank Wheeler, Erie PA	107	6	0	0	4	1	0	0	5	64	14 Mar

CHANNEL 18 TVDX RECORDS

Call	Location	Miles	DXer, Location	Logos
WDHN	Dothan AL	805	Glenn Hauser, Von Ormy TX	KNOE-TV CH. 8 PM WHCT 18 LEXINGTON KENTUCKY
KL8AB	El Dorado AR	320	Robert Cooper, Oklahoma City	
KOHU	San Bernardino CA	25	Eric Norberg, Claremont CA	18 whiz-tv BOILERMAKER NETWORK WLFI-TV CH-18
WHCT	Hartford CT	380	Dennis Smith, Little Creek VA	
WCLEP	Chatsworth GA	725	Robert Cooper, Oklahoma City	18
WLFI	Lafayette IN	665	Robert Cooper, Oklahoma City OK	
KL8AA	Salina KS	230	Robert Cooper, Oklahoma City OK	18
WLEK	Lexington KY	740	Robert Cooper, Oklahoma City OK	
WMAV	Oxford MS	715	Bill Draeb, Kewaunee WI	18
W3YE	Elmira NY	555	Don Ruland, Kenosha WI	
		tie	Gary Olson, Deerfield IL	18
		tie	Bill Draeb, Kewaunee WI	
WNPI	Norwood NY	495	Roger Brown, East Lansing MI	18
WCGB	Charlotte NC	510	Jerry Pulice, Staten Island NY	
WHIZ	Zanesville OH	420	Bill Draeb, Kewaunee WI	18
WVTV	Milwaukee WI	730	Robert Cooper, Oklahoma City OK	

CHANNEL 19 TVDX RECORDS

WHNT	Huntsville AL	795	Glenn Hauser, Von Ormy TX
KLOC	Modesto CA	175	Dennis Smith, Sequoia Crest CA
WTVH	Peoria IL	565	Richard Nieman, Buffalo NY →
WCDO	Adams MA	725	Bill Draeb, Kewaunee WI
WUCN	Bay City MI	235	Bill Heusmann, Steger IL
WXOW	LaCrosse WI (MN)	665	Robert Cooper, Oklahoma City OK
WMAH	Biloxi MS	870	Roger Brown, East Lansing MI
KQPT	Kansas City MO	715	Glenn Hauser, Von Ormy TX
KXNE	Norfolk NE	660	Roger Brown, East Lansing MI
WXIX	Newport KY (OH)	750	Robert Cooper, Oklahoma City OK
KMPT	Oklahoma City OK	5	Glenn Hauser, The Village OK
WNOK	Columbia SC	595	John Lombardo, Irvington NJ
WKPT	Kingsport TN	845	Robert Cooper, Oklahoma City OK
KAEC	Nacogdoches TX	375	Glenn Hauser, Enid OK
KXIX	Victoria TX	465	Robert Cooper, Oklahoma City OK
KEPR	Pasco WA	55	Ray O'Rear, Zillah WA
WXIX	Milwaukee WI	525	King Schafer, Kenmore NY
GIGA	Toronto Ont	430	Ferdinand Dombrowski, Milwaukee WI
		tie	Don Ruland, Kenosha WI

**KNOE-TV**  
CH. 8 PM  
**WHCT**  
18  
LEXINGTON KENTUCKY

**18 whiz-tv**

**BOILERMAKER NETWORK**  
WLFI-TV CH-18

**wirl 19**

**WNOK TV 19**

**WKPT 19**

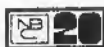
**CHANNEL 19**  
WXIX-TV CINCINNATI  
WXIX-TV MEDIA TELEVISION

# STATISTICS

AUGUST 1974

## CHANNEL 20 TVDX RECORDS

WGOV-	Montgomery AL	290	Robert Seybold, Dunkirk NY
KEMO-	San Francisco CA	235	Dennis Smith, Sequoiah Crest CA
WATR-	Waterbury CT	365	Dennis Smith, Little Creek VA
WBBH-	Fort Myers FL	1050	Glenn Hauser, Von Ormy TX
WCJB-	Gainesville FL	980	Glenn Hauser, Von Ormy TX
WGES	Wrens GA	515	Ron LeBlanc, Marrero LA
WXXW	Chicago IL	430	Mark Lewis, Downsview Ont
WICS-	Springfield IL	835	Fred McCormack, Des Lacs ND →
WFYI	Indianapolis IN	440	Mark Lewis, Downsview Ont
WJMR-	New Orleans LA	435	Rich Lowry, Temple TX
WDCA-	Washington DC (MD)	655	Bill Draeb, Kewaunee WI
WJMY-	Allen Park MI	265	Bill Draeb, Kewaunee WI
WXON-	Allen Park MI	345	Marvin Shultz, Toulon IL
WPAG	Ann Arbor MI	415	Don Voegelé, Lancaster PA
WUTR-	Utica NY	635	Don Ruland, Kenosha WI
WOUE-	Athens OH	320	Morris Goldman, Chicago IL
WVTB	St Johnsbury VT	120	Dave Egan, Valleyfield PQ



## CHANNEL 21 TVDX RECORDS

KDAS	Hanford CA	55	Dennis Smith, Sequoiah Crest CA
WPTA	Fort Wayne IN	765	Robert Cooper, Oklahoma City OK
KVFD-	Fort Dodge IA	575	Glen Neal, Sayre OK
WKMU	Murray KY	630	Robert Seybold, Dunkirk NY
WLIW	Garden City NY	170	Roy Barnetow, Teaticket MA
WXXI	Rochester NY	500	Bill Draeb, Kewaunee WI
WFMJ-	Youngstown OH	440	Carl Lupton, Shelbyville IL
WHP-	Harrisburg PA	610	Bill Draeb, Kewaunee WI
KFWT	Fort Worth TX	255	Glenn Hauser, Enid OK
WHA-	Madison WI	675	Robert Cooper, Oklahoma City OK

We  
need  
you.

Note: Our records are 'all-time'; thus we include stations long dark, call signs since changed, and former channels of operation.



# WESTERN FM DX

Support WTFDX...

...Support WTFDA

EDITOR: ROGER S. HORIE  
P.O. BOX 784  
MISSOULA, MT 59801  
TEL: (406) 549-5365  
DEADLINE: 10th MONTHLY

Patrick Martin, F.O. Box 149, Warrenton, OR 97146 (May 22 - June 22) (EDT)

Magnavox AM-FM rx, with 11 element Windgard Yagi with two FM amplifiers.....

22 Es	1045	KTQM	99.9	NM	Glovia, \$	1340	12 Es	1155	KOOL	94.5	AR	Phoenix, \$	1080
	1047	KGIM	93.5	GO	Alamosa	1100	21 Es	0955	KLAK	107.5	GO	Lakewood	1040
	1048	KMTY	99.1	NH	Glovia, \$	1340		0957	KBPI	105.9	GO	Denver, \$	1040
	1054	KTNM	92.7	NH	Tucumcari	1290		0959	KQA	103.5	GO	Denver, \$	1040
	1100	KELT	94.5	TX	Harlingen, \$	2010		1003	KWBI	91.1	GO	Morrison	1040
	1101	KGNC	97.9	TX	Amarillo, \$	1370		1004	KFLA	94.5	KS	Scott City, \$	1300
	1104	KILX	93.3	GO	Ft Collins	1010		1005	KBVL	94.7	GO	Boulder	1040
	1110	KDJN	94.1	TX	Amarillo, \$	1370		1006	KUPK	97.3	KS	Garden City, \$	1300
	1138	KVOR	92.9	GO	Colorado Springs	1080		1008	KLOU	102.3	GO	Loveland	1030
	1145	KPTK	93.9	GO	Colo. Springs, \$	1080		1017	KLMO	104.3	GO	Longmont	1035
	1149	KRDO	95.1	GO	Colo. Springs	1080		1034	KFAB	99.9	NE	Omaha, \$	1410
	1155	KUPK	97.3	KS	Garden City, \$	1300		1045	KFBC	97.9	NY	Cheyenne, \$	1010
12 Es	1150	KNIX	102.5	AR	Phoenix	1080							

Danny Buntin, 1020 S. Duncan, Stillwater, OK 74074 (June 15 - July 1) (GDT)

15	1203	WHDL	95.7	NY	Olean		1	1931	KBBK	92.3	ID	Boise	
	1228	WQIX	100.9	NY	Horseheads			2100	KICE	100.7	OR	Bend, "mobile living"	
	1230	WKRT	99.9	NY	Cortland							in "Romane Village", ID	

Fred McCormack, Des Lacs, ND 58733 (May - June) (GDT)

5 MS	0646	WBKR	92.5	KY	Owensboro	1025	22 Es	1851	WSRW	106.7	OH	Hillsboro,	1095
26	2028	KBCN	95.5	IA	Sioux City, c&w	460						Duplicating AM	
8 Es	1752	KOKE	95.5	TX	Austin	1225		1853	WBRE	100.5	WV	Huntington, rock	1175
	1913	KBBK	92.3	ID	Boise, \$	rock 92		1855	WPFM	105.9	OH	Middletown, wx	1045
	1914	KRFM	95.5	AZ	Phoenix, ID	1150		1859	WWEZ	91.7	OH	Cincinnati, MoR	1050
	1920	KUPD	97.9	AZ	Tempe, rock	1150		1900	WVEB	91.7	WV	Beckley, Boogie	1255
	1930	KDOT	100.7	AZ	Scottsdale, ID	1150		1902	WDAO	107.7	OH	Dayton, rock	1035
	1930	KHEP	101.5	AZ	Phoenix	1150		1915	WTVT	92.3	IN	Bloomington	975
	1935	KBBK	98.7	AZ	Phoenix, rock	1150		1924	WLHN	97.9	IN	Anderson	970
	1937	KSTM	107.1	AZ	Apache Junction	1150		1929	WMBI	90.1	IL	Chicago, rel	805
	1945	KDKB	93.3	AZ	Mesa	1150		1930	WGSU	89.7	OH	Columbus	1080
	2009	KNIX	102.3	AZ	Phoenix, ID	1150		1935	WFTT	106.3	IN	Columbia City, wx	930
15 Es	1305	WROQ	95.1	NC	Charlotte, rock	1385		1937	WTVL	104.7	OH	Dayton, rock	1035
22 Es	0911	GJOM	88.7	OH	Windsor, rock	990		1939	WRLY	102.9	OH	Springfield	1050
	0936	WCLB	101.9	MA	Falmouth, 1580			1941	WVPR	94.9	VA	Roanoke	1215
	0941	WHSB	106.5	NY	Albany, gold, 1400			1945	WVOW	101.9	WV	Logan	1215
				"106 & a half" ID				1945	WDHK	102.3	OH	Wilmingon,	1070
	0959	WYVZ	92.5	CT	Waterbury, nx	1470						s/on with emergency wx information	
	1000	WABR	88.3	NY	Syracuse	1275		1951	WVWQ	94.5	VA	Richmond, rock	1420
	1045	KUMR	88.5	MO	Rolla, Analog pgs	865		1952	WVVO	94.7	OH	Columbus, rock	1080
	1102	WFLY	92.3	NY	Troy	1402		1957	WEAY	104.1	OH	Portsmouth	1135
	1130	WVVO	89.9	NY	Oswego, nx	1255		2004	WVOB	91.3	OH	Athens, wx	1140
	1147	CFQR	92.5	OH	Montreal	1335		2006	WATH	105.9	OH	Athens	1140
	1340	WQXI	94.1	GA	Smyrna	1325		2008	WIVK	107.7	TN	Knoxville	1230
	1526	WFPL	92.5	VA	Winchester, 1320			2012	WRCG	106.5	WV	Clarksburg,	1225
				Community Bulletin Board								YL ann, rock	
	1532	WETA	90.9	VA	Arlington (DC)	1380		2015	WERT	98.9	OH	Van Wert	975
	1538	WESA	98.3	PA	Carlisle	1210		2017	WAWK	93.3	IN	Kendallville	925
	1555	WHYP	100.9	PA	North East	1140		2020	WBKR	92.5	KY	Owensboro	1025
	1559	WAMU	88.5	DC	Washington	1380		2020	WHOK	95.5	OH	Lancaster	1110
	1600	WGTE	90.1	DC	Washington	1380		2023	WAKG	103.3	VA	Danville	1385
	1747	WGSE	92.3	NC	Asheboro	1405		2025	WNCI	97.9	OH	Columbus	1080
	1758	WFDD	88.5	NC	Winston-Salem	1370		2026	WAUS	90.9	MI	Bezzen Springs	865
	1821	KZFM	95.5	TX	Corpus Christi	1425		2036	WIVE	100.1	VA	Ashland, gospel	1410
	1828	WEKU	88.9	KY	Richmond	1130		2040	WBYL	103.9	OH	Westerville	1080
	1829	WBKY	91.3	KY	Lexington	1105		2045	WNRN	106.9	OH	Marion	1050
	1830	WEYS	89.5	TN	Johnson City	1280		2049	WFIN	100.5	OH	Findlay, "FIN-FM1015	
	1832	KNAF	101.1	TX	Fredericksburg	1250		2100	WVVC	88.9	WV	Buckhannon, rock	1245
	1840	WDAE	100.7	FL	Tampa, ads, rock	1725		2105	WNRN	107.1	OH	Circleville	1110
	1845	WHKK	100.9	KY	Erlander, rel	1055		2108	WGCT	100.3	OH	Newark, nx	1100
	1845	WUBE	105.1	OH	Cincinnati, wx	1050		2110	WCMX	101.7	IN	Ft Wayne	945
	1847	WTRE	107.3	IN	Greensburg, c&w	1010		2110	WNKO	101.7	OH	Newark	1100

## WESTERN FM DX

McCormack-Continued

AUGUST 1974

22 Es 2122 WPEZ 94.5 PA Pittsburgh,wx 1190  
 2129 WYSU 88.5 OH Youngstown,janz1140  
 2132 WIMA 102.1 OH Lima, c&w 1000  
 2144 WBCO 92.7 OH Bucyrus 1045  
 2151 WYNC 92.5 NC Henderson 1435  
 2152 WQDR 94.7 NC Raleigh, rock 1400  
 2200 WCRB 90.5 OH Columbus, PES 1080  
 2206 WOAY 94.1 WV Oak Hill, s/off1360  
 2213 WMYA 96.3 WV Martinsville,wx1360  
 2216 WNCB 101.1 NC Burlington 1410

22 Es 2231 WROQ 95.1 NC Charlotte,nx 1385  
 2232 WDCG 95.5 NY Irestonsburg 1195  
 28 Es 2030 openings to ONT-QUE areas, no ID's  
 29 MS 1132 WBAU 104.5 WI Eau Claire, ad 540  
 MS 1308 WLEK 92.5 IL Dekalb, ID 770  
 Es 1417 WTDE 89.7 NH Ramoth, news 945  
 1425 WVMH 93.5 AZ Show Low, ads 1055  
 1430 KXTC 92.3 AZ Glendale, Gr nx 1150  
 only 4 days were noted with Es during  
 weekend DXing in May-June.....

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (June - July) (CST)

Allied 426 and Hallcrafters SX-62 (with International Crystal SAX-1 preamps), Archer  
 V-100 antenna at 20 feet with rotor.....New underlined (--- new mode)

8 1010 brief 88.5 Es  
 12 1000 unID 88.9, 89.3  
 1005 WRNS 95.1 NC Kinston, ads, ID 1275  
 1013-26 89.3, 96.7, 96.3 unID's  
 1038 KALJ 95.1 AZ Yuma, ID 970  
 1047 tent XHRZ 89.1 Mexico, Nogales, 740  
 Sonora, EL  
 1058 KNEU 98.5 CA El Centro, ad 1020  
 KAIR-FM 94.9 AZ Tucson, ID, EL 750  
 1125 tent KBBC 98.7 AZ Phoenix, rock 835  
 1125 KJCK 93.1 AZ Yuma, area ad 970  
 1130 KJLW-FM 93.7 AZ Tucson, Spanish 750  
 1135 tent KRFM 95.5 AZ Phoenix, EL 835  
 1140 KXTC 92.3 AZ Glendale, area ad 840  
 1143 KNEO-FM 96.9 AZ Phoenix, ID, EL 835  
 1144 KDOL-FM 94.5 AZ Phoenix, wx, ID, 835  
 1145 KDKE-FM 93.3 AZ Mesa, ad, rock 820  
 1150 tent KNCR 91.5 AZ Phoenix 835  
 1202 tent KSTM 107.1 AZ Apache Junction  
 Mor 810  
 1203 KBUZ-FM 104.7 AZ Mesa, wx, ID 820  
 1205 KNLX 102.5 AZ Phoenix, ID, c&w 835  
 1207 KHEF-FM 101.5 AZ Phoenix, ad 835  
 1210 KDOT-FM 100.7 AZ Scottsdale, ID 830  
 1237 KVEG-FM 92.3 NV Las Vegas, ad 1050  
 KLUC-FM 98.5 NV Las Vegas, ad 1050  
 1250 KORK-FM 97.1 NV Las Vegas, ad 1050  
 1259 KILA 95.5 NV Henderson, ID, rel 1040  
 1300 KLVN 94.1 NV Henderson, ad, EL 1040  
 1315 KVIM 93.7 CA Coachella, Sp, ad 1070  
 1333 tent KDIG 98.1 CA San Diego 1110  
 1358 KFSD-FM 94.1 CA San Diego, nx, CA1110  
 1401 KXYX 96.5 CA San Diego, ID 1110  
 1420 FM f/out

15 1010 brief 89.5 unID Es  
 17 strong trop to east TX  
 0751 KOOI 106.5 TX Jacksonville, ad 260  
 0755 VIGL-FM 104.9 TX La Grange, ads 110  
 0759 KRFM 103.3 TX Nacogdoches, ad 275  
 0805 KTRM-FM 95.1 TX Beaumont, promo 275  
 KBPO 94.1 TX Beaumont, EL 275  
 0806 tent KCAW-FM 93.3 TX Port Arthur 280  
 0807 KLIS 94.3 TX Palestine, area ad 240  
 0810 KSCS 96.3 TX Port Worth, ID 240  
 0846 KNIC 107.7 TX Beaumont 275  
 0850 KQIR 107.9 TX Corsicana, ID 220  
 0930 tent KBIM-FM 94.9 NM Roswell, 440  
 EL to N.W.  
 1003 KPAC-FM 98.5 TX Port Arthur, ID 280  
 2344 KAYD 97.5 TX Beaumont, Mor/EL 275  
 18 0100 KLGI-FM 99.5 LA lake Charles, ID 325  
 0130 KTAI-FM 98.1 TX Texarkana, c&w, ID 380  
 0138 WKXI 94.7 MS Jackson, "Soul 94" 525  
 0152 KSMB 94.5 LA Lafayette, rock, nx 395  
 0158 KOAX 105.3 TX Dallas, EL, ID 250

17 0205 KSPL-FM 95.5 TX Diboll, ID 225  
 1031 WXTI 95.1 SC Charleston, EL, \$95ID1120  
 1101 WTKC 96.9 SC Charleston, EL, \$97 1120  
 "ecstasy" ID  
 1109 WWUZ 93.5 SC Summerville, ID-\$93 1110  
 "3W-2"  
 1115 tent WENC 99.1 NC Whiteville, c&w1200  
 1123 WATP-FM 95.7 NC Marion, area ad 1165  
 1129 tent WTSB 95.7 NC Lumberton, NC nx1190  
 19 2039 KALL-FM 94.1 UT Salt Lake, ID, wx1080  
 20 1035 89.5 unID  
 1050 tent WSCI 89.3 SC Charleston 1120  
 1058 WFXI 95.1 SC Charleston, EL, ID 1120  
 1059 trop KVMV 96.9 TX McAllen 225  
 1100 89.3 f/out  
 21 0705 spotty 95.1; 0713, 89.7; 0720, 95.3  
 0758 WUSF 89.7 FL Tampa, ID 985  
 0759 WTLN 95.3 FL Apopka, rel pga 1040  
 0800 WSOB 95.3 FL Fort Myers, ID, rel pga  
 0801 WMYQ 96.3 FL Miami, ID, rock 1150  
 0806 trop KOOI 106.5 TX Jacksonville, ad 260  
 0814 WVFM 94.1 FL Lakeland, ID, EL 1010  
 0816 WINK 96.9 FL Fort Myers, ID 1040  
 0816 tent WEDR 99.1 FL Miami, rock 1150  
 0820 tent WLXF 101.5 FL Miami, EL 1150  
 0824 WIRK-FM 107.9 FL West Palm Beach, 1145  
 ID, c&w  
 0855 tent WDBO 92.3 FL Orlando, EL 1035  
 0904 tent WDNJ 94.5 FL Daytona Beach 1055  
 0912 WTAI 107.1 FL Melbourne, ads, ID 1090  
 0913 WRKT 105.1 FL Cocoa Beach, ID 1085  
 0917 WBJW 105.1 FL Orlando, ID, \$105 1035  
 0920 WGUL 105.5 FL New Port Richey, ad 965  
 0925 WJAX 95.1 FL Jacksonville, ID, EL 1015  
 0929 WYRL 102.3 FL Melbourne, psa 1090  
 0931 WGYL 93.5 FL Vero Beach, ad, ID 1110  
 0936 WLOY-FM 94.9 FL Tampa, ID, Mor 985  
 0937 WRBQ 104.7 FL Tampa, rock, 105 FM 12985  
 0940 WTAH 95.7 FL Clearwater, local ad 960  
 0943 WDAE 100.7 FL Tampa, sports nx 980  
 1003 WJMO 97.9 FL Pala Beach, \$98 ID, EL1150  
 1012 WRRS 91.7 FL Boyton Beach, ID, cx1150  
 1025 WFLA 93.3 FL Tampa, local ad 985  
 1028 WQIK 99.1 FL Jacksonville, c&w, 1015  
 1035 WPDQ 96.9 FL Jacksonville, ad 1015  
 1036 WHOO 96.5 FL Orlando, local ad 1035  
 1046 WEGH 98.9 FL Tallahassee, ad 855  
 1047 WONE 98.5 FL Panama City, \$98 ID 780  
 1048 WFOY 97.7 FL St. Augustine, ad 1035  
 1106 WOMA 94.9 FL Tallahassee, ID 855  
 1120 WJCT 89.9 FL Jacksonville, promo 1015  
 1133 WCTA 89.1 AL Andalusia, local ad, 730  
 (implies MUF 12C)  
 1136 tent WPGS 89.3 FL Pensacola, rel 685  
 1140 tent WMEZ 94.1 FL Pensacola, EL 685

21	1646	WQXM	97.9	FL	Clearwater, \$98	ID	960
	1650	WSWN	93.5	FL	Belle Glade, ad		1110
	1702	WFYN	92.5	FL	Key West, ID		1090
	1721	WHYI	100.7	FL	Fort Lauderdale, MoR		1150
					MoR, % FL mention		
	1723	WMOG	99.9	FL	Boca Raton, ad		1150
	1730	WINZ	94.9	FL	Miami Beach, ID, MoR		1150
	1734	WEDR	99.1	FL	Miami, ID, rock		1150
	1740	WBUS	93.9	FL	Miami Beach, ID, rock		1150
	1803	XHRO	95.5	Mexico	Guadalajara, 690		
					Jalisco, town mention		
	1815	tent	XHGD	Guadalajara, Jal., Mex		690	
	92.3,				Spanish		
	1818	XETIA	97.9	Guadalajara, Jal., Mex		690	
	ID,				"Musica para Enamorado" slogan		
	1820	XHRA	89.1	Guadalajara, Jal., Mex		690	
					English, local ad		
	1840	stuff			to the south f/out		
					remaining US very spotty		
	1927	tent	WSGI	89.3	SC Charleston		1120
	1930	WPXI	95.1	SC	Charleston, II		1120
	1946	open			to the south again		
22	2015	88.8			Guatemala City, Guatemala		1120
	0725	tent	WYSU	88.5	OH Youngstown		1275
	0730	WDBN	94.9	OH	Medina, area ad, ID		1230
	0733	WKSU	89.7	OH	Kent, ID		1255
	0737	tent	WAUP	88.1	OH Akron, 1240		
	0908	WSIP-FM	98.9	KY	Paintsville, ID		1065
	0915	WVAF	99.9	WV	Charleston, rel pgm		1150
	0915	WRGT	106.5	NV	Clarksburg, ID, MoR		1235
	0920	tent	WLOA-FM	96.1	PA Braddock		1290
	0923	WFEB	94.5	PA	Pittsburgh, local		1280
					ad, ID, rock		
	0929	WHOK	95.5	OH	Lancaster, ID		1150
	0930	WLEX	98.1	KY	Lexington, ID		995
	0932	WQMS	96.5	OH	Hamilton, area wx		1050
	0938	tent	WFSI	107.9	MD Annapolis, rel		1485
	0941	WXRA	105.9	VA	Woodbridge, wx		1365
	0954	WAMU	88.5	DC	Washington, psa		1455
	1000	WQED	89.3	PA	Pittsburgh, psa		1280
	1005	WCMU	89.5	MI	St Pleasant, MI nx		1235
	1020	WZUW	95.7	WI	Milwaukee, rock, ID		1100
	1028	WHWC	88.3	WI	Glofax, ID		1130
	1035	WWSA	89.9	WI	Brule, //88.3 prior		1235
	1102	tent	WESD	88.3	SD Brookings		1020
	1104	tent	KBRK	94.3	SD Brookings, EL		1020
	1120	KILR	95.9	IA	Etherville, IA nx		985
	1120	KLIZ	95.7	MN	Brainerd, sports nx		1190
	1130	f/out, unID's			95.3, 90.1, 95.1, 97.9		
	1408-1420,				unID's 88.9 and 88.7		
	1710	brief	90.1, 89.7		unID's		
	1753	KCBR	94.5	ND	Bismark, EL, ID		1200
	1759	KCGM	95.7	MT	Scobey, ID		1380
	1802	KYTN	94.7	ND	Grand Forks, ID, EL		1240
	1802	KLVE	96.5	MT	Glendive, area ad		1260
	1804	KSMJ	93.3	ND	Jamestown, ID		1200
	1806	KDLR	96.7	ND	Devils Lake, nx, ID		1290
	1810	FM			f/out		
25	1018	Es			to West		
	1028	KILA	95.5	NV	Henderson, rel pgm		1040
	1029	KVEG	92.3	NV	Las Vegas, ID, MoR		1050
	1030	KLVN	94.1	NV	Henderson, EL, ID		1040
	1035	KLVG	98.5	NV	Las Vegas, ad, rock		1050
	1047	f/out					
	1527	94.5			unID Es, MN or ND		
	1725	brief	89.3				
27	0724	WINZ	94.9	FL	Miami Beach, ID, MoR		1150
	0725	tent	WMYQ	96.3	FL Miami, rock		1150
27	0728	tent	WBUS	93.9	FL Miami Beach		1150
					all very quickly f/out		
	0915	unID	88.3				
	0920	KALL	94.1,	UT	Salt Lake, ID, EL		1080
					unID's other Salt Lake stations, KCFX, etc		
	0942	KBXL	94.1	ID	Caldwell, ad, EL		1385
29	0725	unID	93.9,		94.1 as Es starts		
	0743	tent	WSGF	95.5	GA Savannah		1050
	0746	WJCL	96.5	GA	Savannah, rock		1050
	0747	tent	WEAS	93.1	GA Savannah, rock		1050
	0800	tent	WSGI	89.3	SC Charleston		1120
	0800	WPXI	95.1	SC	Charleston, EL, ID		1120
	0800	WBEU	98.7	SC	Beaufort, ID \$99, EL		1075
	0816	WJNO	97.9	FL	Palm Beach, ads		1150
	0828	KDKU	93.5	UT	St George, EL, ID		1000
					(rather a startling event as ant east)		
	0850	WFDR	93.3	GA	Manchester, ID		855
	0853	KBRE	94.9	UT	Cedar City, ID		1005
					many unID's up to 106.9 by 0900		
	0908	WAUG	105.7	GA	Augusta, nx, ID		1010
	0909	WZZW	103.1	GA	Augusta, ID		1010
		tent	WGUS	102.3	GA Augusta		1010
	0915	WCOG	97.9	SC	Columbia, wx		1075
	0939	WTOG	94.1	GA	Savannah, ID		1050
	1005	FM			f/out		
	1029	WGBW	88.9	TN	Chattanooga, ID, wx		865
	1030	tent	WDYN	89.7	TN Chattanooga, ox		865
	1032	tent	WPLN	90.3	TN Nashville		820
	1059	WEKU	88.9	KY	Richmond, s/on		995
	1345	unID	88.1		to north		
	1800	88.9			and 89.3 unID's		
30					tent's-TN & ND		
	2130	KKLS	93.9	SD	Rapid City, ID		1040
		KVSR	97.9	SD	Rapid City, rel pgm		1040
1	1132	tent	WFSD	94.1	CA San Diego, ox nx		1100
		KLRO	94.9	CA	San Diego, rel pgm		1100
					tent's San Diego, 96.5, 98.1, 89.5		
	1155	tent	KCRW	89.9	CA Santa Monica		1200
	1155	KCSN	88.5	CA	Northridge, ID		1210
	1156	KFPK	90.7	CA	Los Angeles, ID		1190
		KFAC	92.3	CA	Los Angeles, ID		1190
	1157	tent	KNST	105.9	CA Los Angeles		1190
		tent	KROQ	106.7	CA Pasadena, rock		1185
	1158	KHST	94.7	CA	Los Angeles, ID		1190
	1200	tent	KLOS	93.5	CA Los Angeles,		1190
		KICS	89.3	CA	Pasadena, ID		1185
	1241	KBYU	88.9	UT	Provo, ID, ox		1045
	1242	KALL	94.1	UT	Salt Lake, ID, EL		1080
	1252	KURR	90.1	UT	Salt Lake, area nx		1080
	1254	KORK	97.1	NV	Las Vegas, ID		1050
	1259	KILA	95.5	NV	Henderson, rel pgm		1040
	1301	KLVN	94.1	NV	Henderson, ad, EL		1040
	1313	KLVG	98.5	NV	Las Vegas, ad, rock		1050
					tent's 92.3 Las Vegas, 97.1 Salt Lake City, 96.1 Provo, UT		
	1434	KSOP	104.3	UT	Salt Lake City		1080
	1441	KCKX	98.7	UT	Salt Lake City, ad		1080
	1450	f/out					
	1902	KEMR	94.5	ND	Bismark, Twins bb		1200
	1910	KOYN	93.3	MT	Billings, ID		1245
2	0802	Radio Nuevo Mundo	96.1		Guatemala		1120
					City, Guatemala		
					tent "R. Mundial" 98.6 Guatemala		1120
					City, Guatemala		
					tent "R. Fabustereo" 88.8, ditto		
	0815	WCVU	94.5	FL	Naples, EL, ID \$94		1050
	0818	tent's	93.5, 94.9, 96.9, FL				
	0910-0934				a pile of unIDs likely from		

both coasts at once, tent's 98.5, 95.5, 2  
 94.1-NV  
 2 1133 WUSF 89.7 FL Tampa, cx mx, ID 985  
 1136 tent WDBO 92.3 FL Orlando 1035  
 1143 WFLA 93.3 FL Tampa, EL, ID 985  
 1146 WYFM 94.1 FL Lakeland, ad 1010  
 1202 XHRZ 89.1 Nogales, Sonora, Mex 740  
 local ad, EL  
 1207 tent XHQT Nogales, Sonora, Mex 740  
 1213 KIRO 94.9 CA San Diego, rel pgm-ID  
 1216 KALJ 95.1 AZ Yuma, local ad 970  
 tent's 89.5, 94.1, CA; 93.7, AZ  
 1219 KCRZ 96.1 AZ Tucson ID thru 750  
 local 60 kw  
 1226 KNEU 98.5 CA El Centro, ads 1020  
 tent's 89.3, 90.7, 98.1, CA; 98.7, AZ  
 1238 KOOL 94.5 AZ Phoenix, "oldies" 835  
 1240 KDKB 93.3 AZ Mesa, rock 820  
 tent's 91.5, 92.3, AZ  
 1242 KRFM 95.5 AZ Phoenix, area ad 835  
 1244 KAIR 94.9 AZ Tucson, town ment 750  
 1254 WBUS 93.9 FL Miami Beach, ad 1150  
 (antenna still west)  
 1301 tent KWST 105.9 CA Los Angeles  
 1304 KDOT 100.7 AZ Scottsdale, rock 830  
 tents 97.9, 102.5 AZ  
 1316 WRKT 104.1 FL Cocoa Beach, ad 1085  
 1317 KSTM 107.1 AZ Apache Junction 810  
 (implying MUF 124 mHz)  
 1328 KVEG 92.3 NV Las Vegas, ID 1050  
 1330 WHOO 96.5 FL Orlando, ID 1035  
 tent's FL 95.3, 89.9  
 1345 WDNJ 94.5 FL Daytona Beach, ad 1055  
 1347 WTLD 94.3 FL Lake City, ad, ID 955  
 tent's FL 94.9, 96.9  
 1359 KILA 95.5 NV Henderson, ID 1040  
 1404 WBGM 98.9 FL Tallahassee, ID 855  
 WJAX 95.1 FL Jacksonville, EL, 1015  
 1408 WQIK 99.1 FL Jacksonville, ID 1015  
 (strong hum on their signal...)  
 tent's FL 98.5, 92.5  
 1420 WERG 99.9 AL Mobile, area ad 630  
 (implied MUF 135 mHz) prior by Trop  
 1427 WTVY 95.5 AL Dothan, caw, ID 795  
 1428 WIRE 96.9 AL Enterprise, pss 765  
 1440 KVVH 93.5 AZ Show Low, town men 745  
 1447 KTDB 89.7 NM Ramah, Navajo pgm 695  
 tent's 96.9, 90.1, NM  
 1540 KLUC 98.5 NV Las Vegas, ad 1050  
 1555 KBYU 88.9 UT Provo, ID 1045  
 1559 KLVM 94.1 NV Henderson, EL, ID 1040  
 tent's 95.1 KALJ; 94.7 KMET  
 1608 KFAC 92.3 CA Los Angeles, psal 190  
 1610 KLOS 95.3 CA Los Angeles, ID 1190  
 1612 KFSG 96.3 CA Los Angeles, rel 1190  
 1614 KWST 105.9 CA Los Angeles 1190  
 tent's 105.1, 102.5, 93.7 CA  
 1620 KGBS 97.1 CA Los Angeles, rel 1190  
 1623 KREL 99.1 CA Riverside, rel 1140  
 1627 KHOF 99.5 CA Los Angeles, rel 1190  
 1628 KOLA 99.9 CA San Bernardino, 1130  
 1635 KROQ 106.7 CA Pasadena, ID, 1185  
 tent's CA 97.9, 89.7  
 1644 KPOL 93.9 CA Los Angeles, ad 1190  
 1705-1743 tent's 89.9, 88.5, 89.3 CA  
 1802 KMET 94.7 CA Los Angeles, nx 1190  
 1820 f/out 45 minutes  
 1908 KFFX 90.7 CA Los Angeles, ID 1190

1930-1940 tent's 89.5, 88.3 CA San Diego  
 to date, the most productive day of season..  
 0828 WKY 90.3 NY Morehead, rock, ID 1050  
 0830 WDBL 94.3 TN Springfield, nx, ID 830  
 0850 apotty Ea to the west  
 0931-0934 tent's 90.7, 88.5, 92.3 CA  
 0939 94.9 CA San Diego, rel pgm, KLRD 1110  
 KALJ 95.1 AZ Yuma, local disc 970  
 0940 tent KHIS 90.3 Tijuana BC, Mex, rock 1100  
 0942 KDIG 98.1 CA San Diego, rock, ID 1110  
 0945 tent KSDS 88.3 CA San Diego 1110  
 0947 KNEU 98.5 CA El Centro, local ad 1020  
 0948 KXYX 96.5 CA San Diego, ID 1110  
 0949 KPRI 106.5 CA San Diego, rock 1110  
 tent KITT 105.3 CA San Diego, CGI to KWED  
 0955 KGB-FM 101.5 CA San Diego, ID 1110  
 0959 KTHB 100.7 CA San Diego, local ad 1110  
 0959 KFSD 94.1 CA San Diego, cx, ID 1110  
 1004-1012 tent's 93.7, 94.9, 96.1 AZ  
 1015 KPBS 89.5 CA San Diego, ID 1110  
 1016 KBCR 93.3 CA El Cajon, rel pgmning 1100  
 1017 KJOK 93.1 AZ Yuma, local ad 970  
 1020 KDKB 93.3 AZ Mesa, rock, ID 820  
 tent KBBB 98.7 AZ Phoenix, rock 835  
 1026 KNGR 91.5 AZ Phoenix, ID 835  
 KUPD 97.9 AZ Tempe, rock, ID 825  
 1028 tent KXTC 92.3 AZ Glendale, EL 840  
 1029 KMSO 96.9 AZ Phoenix, EL, ID 835  
 1030 KOOL 94.5 AZ Phoenix, ID, FSolid Gold 835  
 1031 KRFM 95.5 AZ Phoenix, ID, local ad 835  
 1035 KVVH 93.5 AZ Show Low, MoR, area ad 745  
 1040 tent KILA 95.5 NV Henderson, rel pgm 1040  
 1050 KMBF 94.1 NM Albuquerque, ads, ID, rock 610  
 (implies MUF 130 mHz)  
 1059 KRDO 95.1 CO Colo. Springs, EL, ID 735  
 1101 tent KUNM 90.1 NM Albuquerque, UFI nx 610  
 1108 tent KRST 92.3 NM Albuquerque, EL, ID 610  
 1111 tent KRAZ 96.9 NM Farmington, EL 745  
 1114 KOB-FM 93.3 NM Albuquerque, ads, ID 610  
 1118 tent KFFK 90.7, KPBS 89.5, KFAC 92.3  
 1122 tent's 96.5, 94.1, 93.7, 95.1, 89.9, 98.5  
 from the west-CA  
 2 geomagnetic storm disrupts about everything  
 but trop  
 2312 KRPO 94.1 TX Beaumont, ID, EL 275  
 2239 KGOL 107.3 TX Lake Jackson, "Golden 195  
 Radio," MoR, ID  
 2243 KFAC 98.5 TX Fort Arthur, area nx 280  
 2300 KCAN 93.3 TX Fort Arthur, UFI mx, nx 280  
 0107 tent KTEL-FM 98.1 TX Texarkana, caw 380  
 0927 unID Ea 88.3, 88.5, 88.7  
 0929 WLCG 88.9 IL Lincoln, ID 905  
 0943-50 unID's 94.9, 94.1  
 1029 tent KILA 95.5 NV Henderson, rel pgm 1040  
 1031 KLVM 94.1 NV Henderson, EL, ID 1040  
 tent KLUC 98.5 NV Las Vegas 1050  
 KVEG 92.3 NV Las Vegas 1050  
 1036 tent MORK-FM 97.1 NV Las Vegas, EL 1050  
 1052 unID 88.3 f/out

So, the end of a very productive FM DX  
 reporting period; overall totals well past  
 600 with almost 500 of them Ea. 73.

Joseph A. Markewicz, CON Forces Station, Alaska, Saskatchewan SOL CAO (June) (MDT)  
 8 1815 KICT 95.1 KS Wichita, c&w  
 1830 KFDI 101.3 KS Wichita, nx  
 1630 KEYN 103.7 KS Wichita, rock  
 8 1830 KARD 107.3 KS Wichita, wx  
 1830 KBRA 97.9 KS Wichita, wx  
 22 1639 KWOM 93.9 MO West Plains, Cards bb

Glenn Hauser, 620 N. Husband, Stillwater, OK 74074 (5 May-8 July) (CST)

15 June was good here, tho apparently better elsewhere. Other highlights include the discovery of a low-power link in Ciudad Obregon on 88.1, and some low power and 1400 mls plus DX on 1 July into Washington, Oregon, and neighboring states.

10 0651 KFLL 94.5 KS Scott City, KS nx  
 0652 KANS 96.7 KS Larned, Kinsley ad  
 0655 KXXX 100.1 KS Colby, nx, ID  
 12 Es 1049 XHM 88.9 Mexico, DF, ID  
 1054 XEDA 90.5 Mexico, DF, EE vocal  
 1055 XERED 88.3 Mexico, DF, 9S drama  
 1101 XHRA 89.1 Guadalajara Jal, nx  
 1230 KRNG 90.7 NM Las Cruces, \$ cl,  
 1235 tent XHRZ 89.1 Nogales Son, EL  
 1241 KTEF 88.5 TX El Paso, mono-  
 lieted \$, folk, ID, psa  
 1307 KALJ 95.1 AZ Yuma, ad  
 1312 KRPM 95.5 AZ Phoenix, ads, ID  
 1313 KMBG 96.9 AZ Phoenix, ID, EL  
 1315 KUPD 97.9 AZ Tempe, ID-"Kay-100  
 KUPD", request rock, nat'l ads  
 1318 KDOT 100.7 AZ Scottsdale, wx, ID

13 Tr 0621 KRSL 95.9 KS Russell, ID, nx  
 14 Es 2058 XHM 88.9 Mexico, DF, ID

15 Tr 2301 KNOT 91.3 TX Killeen, s/off  
 2324 KLEB 93.7 TX Austin, ID  
 2359 KDSX 101.7 TX Denison, ID, wx  
 16 0001 KQXT 101.9 TX San Antonio, EL  
 0016 KEEZ 97.3 TX San Antonio, ID,  
 0741 KSOZ 88.1 MO Point Lookout, nx

17 0615 KLEK 94.5 TX Lubbock, EL  
 0629 KDDD 95.3 TX Dumas, ID  
 0629 KLLL 96.3 TX Lubbock, nx  
 0632 KWGO 99.5 TX Lubbock, wx  
 0639 KLDG 95.7 NH Hobbs, ads

27 Tr 2033 KSOZ 88.1 MO Point Lookout, NFR  
 2118 KUMR 88.5 MO Rolla, cl, ID  
 1006 WAMU 88.5 DC Washington,

etomac promo  
 1008 WETA 90.9 DC Washington, cl  
 1009 WGTB 90.1 DC Washington, rock

29 Es 1012 WKHS 90.5 MD Worton, sports, ID  
 1018 WUHY 90.9 PA Philadelphia, ID  
 1022 WVWC 88.9 WV Buckhannon, "WV nx"  
 1054 WRTT 90.1 PA Philadelphia, folk  
 1104 WBOG 88.3 NJ Newark, sp bee, ID  
 1115 WPKN 89.5 CT Bridgeport, ID  
 1830 WUSF 89.7 FL Tampa, opera, ID

30 0958 WFDD 88.5 NC Winston-Salem, s/on  
 1000 WAFR 90.3 NC Durham, soul  
 1105 WSMC 90.7 TN Collegedale

31 0920 WPGT 90.1 NC Roanoke Rapids,  
 sermon

Es 0931 WAFR 90.3 NC Durham, ID/wx  
 0959 WEPB 90.1 SC Greenville, ID  
 1001 WCWC 88.3 NC Boiling Springs,  
 net nx, ID

1003 WFDD, 88.5 NC Winston-Salem, cl  
 1023 WQDR 94.7 NC Raleigh, cl

1828 WTGM 89.5 VA Norfolk, cl  
 Tr 1836 KBYL 90.3 MO Buffalo, rock, ID

1845 KSYN 92.5 MO Joplin, rock, ID  
 Es 1850 WSCI 89.3 SC Charleston  
 1850 WEPB 89.1 SC Greenville

1 Tr 1852 KWMU 90.7 MO St Louis, ment St L  
 1854 WKMO 91.1 TN Memphis, nx  
 1859 KUMR 88.5 MO Rolla, ID

Tr 1927 WSIK 88.7 IL Edwardsville, ID  
 2001 KLLM 88.9 MO Jefferson City, soul

2159 KFIN 107.9 AR Jonesboro, nx, wx,  
 "Your fine wx station, KFIN, Jonesboro"

2221 KAMO 94.3 AR Rogers, nx, EL, ID  
 2302 KHOK 94.5 LA Shreveport

2303 KASU 91.9 AR Jonesboro, s/off  
 0002 KBRA 91.3 MO Columbia, nx,

2 Es 1455 CJOM 88.7 Ont Windsor, rock, ID  
 1640 WTSB 95.7 NC Lumberton, wx, ID  
 1645 WTLT 97.3 NC Wilmington, soul

8 1020 WSCI 89.3 SC Charleston, bookbeat  
 0725 CURT 91.1 Ont Toronto, cl guitar

9 0726 WKAR 90.5 MI East Lansing, cl  
 0756 WWTW 92.9 MI Cadillac, ad

0800 WKBT 90.1 IL Chicago, ID  
 0807 WAUS 90.9 MI Berrien Springs, nx

Es 0812 WTAA 88.3 MI Interlochen, nx, ID  
 0654 WPGT 90.1 NC Roanoke Rapids, ID

0701 WAFR 90.3 NC Durham  
 0714 WLLL 98.3 VA Lynchburg, ID, nx

0715 WNOH 98.7 VA Norfolk, nx  
 0716 WNNT 100.9 VA Warsaw, EL, ID

0717 WYVE 100.1 VA Ashland, gospel, ID  
 0717 WYBC 101.3 VA Hampton, NC nx

0720 WRFK 106.5 VA Richmond, cl  
 0722 WEXM 107.5 VA Exmore, rock, ID

0726 WTRR 100.7 MD Westminster, ads  
 0730 WCHS 100.5 VA Norfolk, ID

0730 WREL 102.1 VA Richmond, ID  
 0736 WRRZ 107.1 NC Clinton, ads

0748 WFTT 99.7 VA Norfolk, gospel, nx  
 0800 WTVR 98.1 VA Richmond, CBS nx

0839 WCH 97.3 VA Newport News, cl, ad  
 0843 WSUX 98.3 DE Seaford, ads, ID

0851 WASH 97.1 DC Washington, ad, c&w  
 0853 WAFI 97.7 DE Milford, ad, c&w

0900 WHUR 96.3 DC Washington, soul, ID  
 0901 WFFG 96.9 NJ Atlantic City, ad, ID

0903 WJMA 96.7 VA Orange, VA nx  
 0906 WQSM 98.1 NC Fayetteville, ID

0909 WFRN 100.3 DC Washington, 88 nx,  
 jingle, "Va. esta con la grande",

0913 WCHS 103.5 DC Washington, cl  
 0915 WFST 107.9 MD Annapolis, hymns, ID

0917 WCEM 106.3 MD Cambridge, help ad  
 0917 WSLT 106.3 NJ Ocean City, "Seashore  
 \$" ID

0923 WKRA 105.9 VA Woodbridge, ad, c&w \$  
 0924 WBER 107.7 VA Warrenton, c&w, tent

0926 WVAL 107.3 DC Washington, ad  
 0931 ???? 106.7 NC Jacksonville, remote

from Moore Buick, 3N Jacksonville, new  
 unlisted stn, or move??  
 0933 WKDN 106.9 NJ Camden, another  
 Family Radio station



15	0936	WKTK	105.7	MD	Cantonville, ID	21	1807	R. Havana	90.5	Cuba, Havana, ID
	0943	WQKX	104.5	VA	Norfolk, nx, ad		1959	WTLD	94.3	FL Lake City, promo for
	0953	WGET	107.7	PA	Gettysburg, ID			CBS Radio	Mystery Theatre	
	0954	WNCT	107.7	NC	Greenville, \$, nx		2007	WAlA	97.3	FL Miami, upbeat mx
	1000	WBYO	107.5	PA	Boyetown, ad		2015	WCRJ	107.7	FL Mount Dora, ad
	1004	WRLB	107.1	NJ	Long Branch, nx, ID	22	0845	WJCT	89.9	FL Jacksonville, "\$90", cl
	1006	WHTG	106.3	NJ	Eatonstown, ID		0910	WMOP	93.7	FL Ocala, ad
Es	1009	WFRB	105.3	MD	Frostburg, ad		0911	WKTZ	96.1	FL Jacksonville, MoR
	1018	WBOC	104.7	MD	Salisbury, ad		0933	WEAS	93.1	CA Savannah, ID, soul
	1022	WWSV	104.7	VA	Crews, ID		0938	WJGA	92.1	CA Jackson, ad
	1026	WFDU	89.1	NJ	Teaneck, ad		1816	WKHO	93.3	UT Salt Lake City, rock
	1029	WGTS	91.9	MD	Takoma Park, rel pgn	1Es	1730	KBYU	88.9	UT Provo, cl
	1031	WCBE	90.5	OH	Columbus, bookbeat		1732	KUER	90.1	UT Salt Lake City, live
	1032	WGED	89.3	PA	Pittsburgh, ID				Options interview	
	1038	WVLA	89.9	PA	Scranton, RBC pgn		1732	KBBK	92.3	ID Boise, ID, ads
	1043	WOSU	89.7	OH	Columbus, psa's		1733	KFMA	92.7	ID Jerome, ad, psa, ID
	1046	WAUF	88.1	OH	Akron, nx, psa's		1747	KIT	94.5	WA Yakima, EL, ad, ID
	1048	WCUE	91.3	OH	Athens, ID		1806	KID	96.1	ID Idaho Falls, nx, ad
	1057	WUHY	90.9	PA	Philadelphia, ID		1808	KBOI	97.9	ID Boise, ID
	1058	WMHT	89.1	NY	Schenectady, ID, psa		1816	KSNH	93.7	ID Pocatello, rock
	1102	WAER	88.3	NY	Syracuse, "\$88", wx		1820	KDEM	98.3	MT Dillon, psa, "\$98 KDEM-
	1114	WIFI	92.5	PA	Philadelphia, rock				FM in Dillon, MT, in the heart of the	
	1115	WJLK	94.3	NJ	Asbury Park, Rutgers				beaver band"	
				Univ, extension pgn on lawn insects						
	1116	WFLN	95.7	PA	Philadelphia, cl		1822	KHQ	98.1	WA Spokane, pop, ID
	1119	WCPA	93.5	PA	Clearfield, ABC FM		1822	KLGE	100.9	OR Bend, EL \$, not on
	1123	WKSU	89.7	OH	Kent, folk nx, ID				100.7, as per Elving	
	1124	WYSU	88.5	OH	Youngstown, ID, cl		1824	KWIG	100.3	WA Moses Lake, c&w
	1129	WAMC	90.3	NY	Albany, ID, opera		1827	KMFE	101.7	ID Emmett, EL \$, ad, nx
	1133	WPGT	90.1	NC	Roanoke Rapids, nx		1838	KHFL	103.9	ID Moscow, psa, ID, wx
	1135	WRVO	89.9	NY	Oswego, nx, ID		1846	KPFM	100.1	OK Bartlesville, EL, ID
	1146	WGTE	90.1	DE	Washington, ID	Es	1847	KIQ	102.1	WA Wenatchee, EL \$, ad
19Tr	1900	KWMU	90.7	MO	St Louis	2Gw	1305	KKAJ	95.7	OK Ardmore, S OK-LA-TX wx
	1959	KSMU	91.1	MO	Springfield, psa, ID				finally on the air	
	2301	WMOT	89.5	TN	Murfreesboro, ID	Es	1307	XHOK	95.30	Tampico Tams, ID, ad
	2311	KWAM	101.1	TN	Memphis, local wx		1310	XETIA	97.9	Guadalajara Jal, SS, ad
21Es	1710	WUSF	89.7	FL	Tampa, rock		1312	XEJE	96.30	Guadalajara Jal, EL \$
	1710	WMCU	89.7	FL	Miami, gospel, ID		1336	XHM	88.9	Mexico, DF, upbeat mx
	1711	WYFL	89.9	FL	Jacksonville, EL		1336	XHRA	89.1	Guadalajara Jal
	1722	WTMI	93.1	FL	Miami, cl		1341	XHRO	95.5	Guadalajara Jal, SS ad
	1722	WSOR	95.3	FL	Ft Meyers, ID, gospel	Gw	1403	KELX	99.5	TX Ft Worth, TX nx, ex-KXOL
	1723	WINZ	94.9	FL	Miami Beach, psa	Es	1517	XHIS	Tijuana BC, 90.3, folk, rock	
	1725	WMYQ	96.3	FL	Miami, rock		1517	XSDS	88.3	CA San Diego, jazz
	1733	WDNJ	94.5	FL	Daytona Beach, EL, ID		1520	KLON	88.1	CA Long Beach, ID
	1733	WSWN	93.5	FL	Belle Glade, soul, nx		1520	XEOX	88.1	Ciudad Obregon Son, ID's,
	1733	WFLA	93.3	FL	Tampa, EL vocal				ad's, TC's, low mod, most likely in the	
	1736	XHM	88.9	Mexico, DF, SS ad, ID				ten watt range		
	1741	WSOI	89.3	SC	Charleston, contry		1525	KCRW	89.9	CA Santa Monica, JJ lesson
							1526	KFES	89.5	CA San Diego, live feed

Steven G. Wiseblood, 707 Loma Way, Santa Maria, CA 93454 (10 June-7 July) (FDT)  
 Pioneer SM-Q300B, and Symphonic AM-FM \$...FM-4 G with Pince 65-7 booster, and Alliance  
 T-45 rotor....

The Es season so far is shaping up very well as I now have 90 stations by Es and 77 new  
 stations by Es since April 27. My FM totals now stand at 204--31 in the 88-92 mhz band  
 and one by MS. I now have 15 states, 2 Canadian provinces, and 2 Mexican estados. I  
 have so far received 110 stations from California on FM...73's...

10 MS	1614	KYEG	92.3	NV	Las Vegas, ad 307	12 Tr	2149	KABL	98.1	CA San Francisco, EL 228
11 Tr	1755	XHIS	90.3	BC	Tijuana, \$ rock 245		2152	KQED	88.5	CA San Francisco, \$ cl
	1758	KXYI	96.5	CA	San Diego, \$ EL 230		2205	KFRG	106.1	CA San Francisco, \$ rock
	1800	KGB	101.5	CA	San Diego, \$ pop	14 Tr	0832	KLIL	94.5	CA Ukiah, \$ MoR 330
	1802	KDIC	98.1	CA	San Diego, \$ pop		0852	KBBF	89.1	CA Santa Rosa, SS 274
	1803	XHRS	104.5	BC	Tijuana, \$ soul		0938	KANG	89.9	CA Angwin, \$ EL 278
	1805	KFMB	100.7	CA	San Diego, \$ EL		0955	KOME	98.5	CA San Jose, \$ rock 175
	1809	KOZN	103.7	CA	San Diego, \$ c&w		1008	KJJO	92.3	CA San Jose, \$ rock 175
	1812	XHRM	92.5	BC	Tijuana, \$ EL		1101	KOWN	92.1	CA Escondido, \$ EL 220
	1820	KLRO	94.9	CA	San Diego, Gospel	19 Es	1837	KVRH	92.1	CA Salida, MoR 840
	1822	KFSD	94.1	CA	San Diego, \$ cl		1849	KARN	98.9	NE Kearney, mono, rock 1222
12 Tr	1642	all	CA	San Diego's-Tijuana's in		2107	KAFM	99.1	CA Santa Maria, testing	
	2145	KPFA	94.1	CA	Berkley, \$, ethnic	1 Es	1610	KGNO	95.5	KS Dodge City, \$ EL 1170

## WESTERN FM DX

1 Es	1615	KLOR	99.3	OK	Ponca City, MoR	1305
	1852	KOSU	91.7	OK	Stillwater, \$ cl, tent	
2 Es	0915	KQII	96.9	TX	Odessa, \$ EL	1052
	0915	KNFM	92.3	TX	Midland, \$ MoR	1066
	0921	KuLW	93.9	TX	San Angelo, pop	1100
	0922	KIXY	94.7	TX	San Angelo, rock \$	
	0925	KOGV	91.3	TX	Odessa, rock	1052
	0926	KOYL	97.9	TX	Odessa, oldies	
	0928	KBAD	92.1	NM	Carlsbad, c&w	949
	0957	XHPX	93.7	Ciudad Juarez, SS	826	
	0959	KTEP	88.5	TX	El Paso, NPR \$	829
	1001	KSET	94.7	TX	El Paso, \$ EL	
	1008	KINT	97.5	TX	El Paso, \$ RR	
	1008	KISM	99.9	TX	El Paso, \$ EL	
	1017	KSVF	92.9	NM	Artesia, \$ EL	932
	1022	KLLL	96.3	TX	Lubbock, ID	1057
	1023	KSEL	93.7	TX	Lubbock, RR	
	1029	KPLA	97.3	TX	Plainview, SS	1060
	1036	KLBK	94.5	TX	Lubbock, \$ EL	
	1046	KBIM	94.9	NM	Roswell, ad	907
	1051	KCCO	98.1	OK	Lawton, nx	1255
	1053	KTDB	89.7	NM	Ramah, NavaJo, nx	
	1055	KRST	92.3	NM	Albuquerque, rock	778
	1056	KUNM	90.1	NM	Albuquerque, \$RR	778
	1101	KSNM	95.5	NM	Santa Fe, \$ EL	825
	1102	KAFE	97.3	NM	Santa Fe, c&w, nx	825

## Wiseblood-continued

2 Es	1106	unID	100.3	??	end CBS nx, \$ EL	
	1110	KCAF	94.5	TX	Gainesville, c&w	1319
	1122	KYAJ	95.7	OK	Ardmore, \$ c&w	1328
	1137	KEBC	94.7	OK	Oklahoma City, c&w	1281
	1144	KOSU	91.7	OK	Stillwater, big band \$	
	1146	KOSC	90.1	OK	Edmond, \$ EL, ID	1277
	1217	KICT	95.1	KS	Wichita, \$ c&w	1305
	1230	KFLA	94.5	KS	Scott City, \$ EL	1120
	1235	KHOW	95.7	CO	Denver, \$ rock, soul	907
	1300	KVWC	106.3	WY	Cheyenne, \$, c&w	975
	1301	KGRE	92.3	CO	Greeley, \$ EL	925
	1305	KFDC	97.9	WY	Cheyenne, "lol stks"	
	1315	KAWY	94.5	WY	Casper, \$ MoR	928
	1332	KNEE	94.1	NE	Scottsbluff, \$ EL	1000
	1644	KJRC	92.3	KS	Newton, \$ EL	1335
	1700	KGNO	95.5	KS	Dodge City, nx, wx	1170
	1701	KANS	96.7	KS	Larned, nx	1190
	1702	KNUW	89.1	KS	Wichita, SS, tent	1305
2 Tr	1107	KUSF	89.1	CA	Santa Cruz, cl	161
Es	1128	KOLY	99.5	SD	Mobridge, nx	1315
2 Es	1736	KVRH	92.1	CO	Salida, local nx	840
	1736	tent	KVOR	92.9	CO	Co. Spr. \$ EL 900
	1736	tent	KRDO	95.1	CO	Co. Spr. \$ EL 900
	1749	unID	on	90.5	\$ NER & 93.3	\$ EL
	1834	KAKC	92.9	OK	Tulsa, \$ Gold-rock	1380
	1906	unID	96.9	ABC-I	nx, mono	

AUGUST 1974

# **Beyond shortwave**

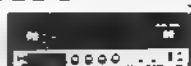
an introduction  
to tv, fm and  
vuhf radio dx  
by w.t.f.d.a.

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\$1** FROM HQ

31 pages, jam-packed  
with information to  
interest the novice or pro.

# SOUTHERN FM DX

JULY 1974



July & August Editor:

Larry T. Vogt

8213 Springfield Village Dr.  
Springfield, Virginia 22152

Dr. Richard E. Wood, Baton Rouge, Louisiana "address no longer valid" CDT

- 4/20 Tr 0145-0205 102.9 WZZQ Jackson, MS 139 miles Live contemp; new call  
0200 103.7 KARN Little Rock, AR Relog, and most Dallas - Ft. Worth
- 4/25 Es 1250-1305 WAER Syracuse, NY 1199 mi School, new math  
1255-1305 88.5 WPCR Amherst, MA 1200 mi Relog, fund appeal ID  
1300-1310 89.7 WGBH Boston, MA 1374 mi ID, local wx, Belgian transcription  
1300-1315 92.9 WEZF Burlington, VT 1374 mi Local spots, GL auto (state #39)  
1305-1327 97.3 WRCU Ithaca, NY Relog, GL symphony  
1310-1330 91.3 WONY Syracuse, NY 1199 mi Bach, Philadelphia Orchestra  
4/27 Tr 0905-0930 106.3 WJOV Piquette, MS 80 mi New, auto FL, \$  
4/28 Tr 0035-0105 101.1 KRMD Shreveport, LA 208 mi C&W, \$, NEC news, new call (ex KJXL)  
0325-0355 100.9 WALN Selma, AL 280 mi Auto EL, local spots  
0340-0410 102.3 WXRW Milton, FL 255 mi C&W, patriotic, news 0400  
0415-0430 97.7 WFLI Auburn-Opelika, FL 370 mi EL by IGM, "\$ 97" ID  
4/29 Es 1817-1926 88.7 Cuba, Oriente Province ? Tropical music, wx  
1900-2010 90.5 (RJR) Spur Tree, Jamaica Relog, continuous music, mixed  
1900-2010 91.1 (JBC) Coopers Hill, Jamaica 1248 mi Mixed music, soul, contemp,  
Latin, perhaps auto, often \$  
1905-1920 92.5 WFIN Key West, FL 703 mi Long-sought; EL auto \$, Keys wx,  
some Latin melodies  
1909-2006 92.7 (RJR) Coopers Hill, Jamaica 1248 mi BBC news relay, then GL  
5/2 Tr 0350-0400 92.9 KAKC Tulsa, OK 479 mi Relog, "Tulsa Radio Golden" ID,  
"Stereo 93" And many from TX, OK,  
AR, TN, etc.  
5/3 Tr 0630-0645 94.3 WRAD Leland, MS 206 mi Soul rock, live, bank ads, new stn  
on air, "\$ 94"  
5/12 Tr 0845-0900 100.1 KGRI Henderson, TX 250 mi Long-sought, UC-Progressive, "The  
Alternative"  
Es 1334 92.9 KAFF Flagstaff, AZ 1232 mi Relog, EL auto, \$  
1340 89.7 undid tent Ramah, NM Story of an otter  
1845 93.7 KWTW Winner, SD Relog; \$ EL auto-sounding but live  
5/13 Tr 0948-1005 88.5 WQMX Memphis, TN 328 mi Student annr, new station on air,  
C&W, PSAs  
5/24 Tr 1228-1245 91.3 KVLQ Beaumont, TX 200 mi New stn: student annr, "Potpourri,"  
\$, announces as NPR

Dr. Wood writes that he is leaving Baton Rouge on 5/31 for Germany. He will be teaching at the Univ. of New Orleans in Munich until 7/14. He will become Chairman of the Dept. of Languages at Adelphi University (Garden City, LI, NY 11530) effective late August.

Bank Holbrook, 7211 Chestnut Street, Chevy Chase, MD 20015 EDT

Well the cottage is now officially open for the season (that is we've turned on the water and no broken pipes for once). Fair Haven cottage 15 miles below Annapolis, MD, overlooking Herring and Chesapeake Bays. No FM DX in March and added a few nearby ones in April as follows - -

- 93.9 WKYS Washington, DC 40 miles 4/12 1841-1902 X-WRC-FM Guess they want to dis-  
associate themselves with WRC  
AM which now has horrible rock.  
(pronounced KISS in the capital  
MND - good listening). KYS radio  
In and out - fair to fairly good  
w/ deep fading. 1820 - 1900 in  
Spanish with Latin pop music.  
Then interview program and then  
I guess jazz (harmonica free  
form-Cyprus Ave. and others).  
96.1 WLEV Easton, Pennsylvania 160 mi 4/12 2210-2238 X-WFST MND "WLEV on the move  
and moving up."  
95.1 WCHM Chambersburg, Penn. 100 mi 4/21 1131-1155 X-WCHA. Rarely heard because of  
powerful WRES. Veris 1tr 2.8 kw  
MND.

Holbrook, cont.

99.3 WFFV Front Royal, Virginia 90 miles 4/21 1158-1222 First reception. Very rough channel. Squeeze between WCAY 99.5 & WNAV 99.1 both powerful @ Fair Haven.  
 "Music enough to fill the valley"  
 "Fine name in FM stereo"

96.7 WYRS Stamford, Conn. 225 miles 4/26 2050-2150 X-WSTC MND - old favorites "The velvet sound" Fair to good. QRM at times WDLC and splash from WWDB 96.5

95.1 WEZV Bethlehem, Penn. 140 miles 4/28 0625-0657 // to WCPA w/ Sunday AM public service pgms. Only way to hear this one thru WRBS was to point ant SW! Then taken out as WRNJ sign on at 0657 !!!

Well, at least the season is under way and hope we get some good DX this summer. Veries at 675 in 31 states, Ontario, Quebec, & Manitoba plus Cuba, Bermuda, & P.R.

Kenneth R. Simon, 528 Pilgrim Road, West Palm Beach, FL 33405

25 Mar 74 2100 FDT 90.5 WVUM Coral Gables, FL -- 10 watter...rock type music. 75 miles  
 29 Apr 74 2100 FDT 87.75 KRIS-TV via Es Corpus Christi, TX 1040 miles  
 11 May 74 0745 FDT 89.9 WJCT Jacksonville, FL -- classical music 255 miles  
 0745 FDT 89.7 WUSF Tampa, FL -- MCR 170 miles  
 WVUM/Univ of Miami WJCT/Duval Co. FTV WUSF/Univ of S. Florida  
 Using Harmon Kardon stereo FM with 15 element FM yagi at 25 feet and an Ameco preamp.  
 Been too busy to do much serious FM DXing . . .

Richard Peary, Apt. 5A, 1914 University Blvd., Tuscaloosa, Alabama 35401 EDT

4/28 Tr 0200 99.9 WKRG Mobile, Alabama My receiver is a Magnavox AM/FM stereo console. No outdoor antenna is used.  
 0215 98.5 WGNM Panama City, Florida  
 0223 94.9 WKSI Mobile, Alabama  
 0230 97.1 WMFS Memphis, Tenn. Any ideas on how to get rid of CATV interference would be appreciated.  
 0238 94.1 WMFZ Pensacola, Florida

Kenneth R. Simon, DXing from Richard Clark's Lighthouse Point, Florida QTH EDT

Sony AM/FM portable, whip ant., & MAD SCA converter:

6/1 1328 gw 93.9 (67) WBUS-MCR SCA  
 1333 93.1 (67) WYMI-MCR SCA  
 1335 96.3 (67) WMYQ-MCR & Food Commercials SCA  
 1341 107.9 (67) WIRK-MCR SCA  
 1342 106.7 (67) WGLO-VIDEO "Richard is getting back into SCA again  
 1617 89.7 (67) WMCU-Tone SCA and has come up with some new ideas on  
 1618 99.1 (67) WFDR-Tone SCA the matter."

AR-15 with a yagi at 50 feet:

6/1 1421 gw 107.5 WIGL testing with C&W and ID  
 1545 90.3 WAFB testing with MCR and ID  
 1553 99.3 WEZY Cocoa, FL MCR/EL \$  
 1603 102.3 WYRL Melbourne, FL C&W, Mutual News  
 1604 103.1 WLMC Okesechoee, FL C&W  
 1606 104.1 WRKT EL \$  
 1608 105.2 (105.3 or 105.5 assumed - 105.4 listed in report) Sebring, FL Relig.  
 1609 107.1 WTAI Melbourne, FL EL/MCR \$ / WSKP/  
 1610 107.3 WWBA St. Petersburg, FL EL

Larry T. Vogt, 8213 Springfield Village Dr., Springfield, VA 22152 FDT

Only three new loggings since my last report. Still using FM40 @ 25 ft. and Fisher 500 TX rx. Total now at 498 -- the way conditions are going I wonder if I'll make it to 500 this summer!

2/21/74 2300-2333 WMTK 93.7 Elizabeth City, NC (185 mi) Prog Rock, "K-94" \$  
 3/31/74 0058-0305 WKHS 90.5 Worton, MD (70 mi) Testing, new local \$  
 4/27/74 0930-0935 WKLP 94.1 Keyser, West Virginia (95 mi) Mono

73, Larry

# SOUTHERN FM

AUGUST 1974



Editor: Larry T. Vogt K4UEO  
8213 Springfield Village Drive  
Springfield, Virginia 22152  
Telephone: (703) 451-8360  
Deadline: 13th of the month

Hank Holbrook, 7211 Chestnut Street, Chevy Chase, Maryland 20015

DXing from our cottage at Fair Haven, MD, overlooking the Herring and Chesapeake Bays, 15 miles below Annapolis, MD. Had very little time this year to DX in May and we had the worst FM May on record here, but June came in "Busting out all over" for the best June in many many years. Stations logged and reported since my last report -

freq	call	loc	power	date	time/FDT	remarks
96.5	WJNL	Johnstown, PA	160 tr	5/12	0114-0146	Real struggle thru WWDB, Pop music w/many PSAs & ads. // w/AM.
91.3	KNOT	Killeen, TX	1240 Es	50kw	6/2	1203-1225 News, PSA, pop music. Good.
91.5	WBEZ	Chicago, IL	630 Ms	6/8	0758-0850	Bits & scraps. Educational programming - all talk.
91.5	WTFP	Pittsburgh, PA	215 tr	840w	6/9	0559-0650 Hrd also 6/8 - no ID. Weak-fair Discussion of childrens records, played kids music.
99.1	WPLM	Plymouth, MA	390 tr	6/15	0719-0750	Amazing reception thru local WNAV @ 15 mi. MOD old pops w/plenty big band tunes. Ads.
94.7	KEEG	Oklahoma City, OK	1180 Fs	29kw	6/15	0945-0957 Mostly over WJMD. Country, wx, & ads. Fairly good. "Never leaves the air." (permit for 100kw - 2 transmitters approx 1 mile apart)
96.1	KXXI	Oklahoma City, OK	1180 Es	35kw	6/15	0957-1008 Rock, news, ads. Good. Nifty QSL card.
92.5	KYND	Pasadena, TX	1235 Fs	97kw	6/15	1031-1050 MOD & ads. Fair to good.
92.1	KKEG	Fayetteville, AR	985 Es	6/15	1219	Poor - ID, ad & burried in GRM!
107.7	KWIC	Beaumont, TX	1160 Fs	6/15	1228	Briefly over WPER. Ad, ID, Ad for Rock/Roll T-shirt.
107.5	WSJC	Magee, MS	900 Es	6/15	1239-1253	MOD. Many ads. Good copy!
92.9	WFLX	Mobile, AL	855 Es	6/15	1257-1324	Solid. Soul, news, Black Natl Network, ads.
105.7	WTUB	Troy, AL	715 Es	6/15	1307	ID-Troy radio where the country music is, ad. Much GRM.
105.5	WABC	Waynesboro, MS	835 Es	6/15	1310-1330	Country music, plenty ads. Good.
99.9	KPEL	Lafayette, LA	1055 Es	6/15	1329-1349	MOD, news, sports - Excellent.
98.1	WAFB	Baton Rouge, LA	1005 Es	100kw	6/15	1355-1406 Solid Gold - Stereo 98. Fair, struggle thru WTVR.
90.5	KXCV	Maryville, MO	995 Es	100kw	6/15	1457-1525 MOD-Strong till fade out. Last big skip of the day!!

Many others heard on the 15th. Many previously heard and many others went unidentified. All over the dial which is rare here. KWIC and WSJC highest freqs ever hrd on skip here.

95.9	WWTR	Bethany Beach, DE	80 tr	6/22	0629-0705	Brand new stn. Good, MOD, many old pop favorites. Many IDs. Excellent announcer.
91.7	KOSU	Stillwater, OK	1140 Es	6/22	1312-1319	Skip on TV & VHF radio. Only FM Es noted. Just tuned in so do not know if open earlier. Fairly good w/Oriental music! IL anncr.

Kenneth R. Simon, 528 Pilgrim Road, West Palm Beach, Florida 33405

Harmon Kardon receiver used with an AMECO preamp. Ant is 15 element FM yagi at 25 feet. Times are FDT. (Q) means QSLed.

6/15	0905	Es	89w
0930	894a		
0950	88.1	WAUP AKRON, OH	
0957	88.7	CJOM WINDSOR, ONT. CANADA	
0958	90.1	WMEI CHICAGO, IL	
1000	90.9	WAUS PERRIN SPRINGS, MICH	
1004	88.3	WIAA INTERLOCHEN, MICH	
1328	89.3	WPNE GREEN BAY, WI	
1332	92.5	WMEI TOLEDO, OH	

u	= Robin Hood	
u	= Mich. U. Tape Net	
mx	, psa, and ID	
ts & ID	"windsor - Detroit"	(Q)
mx, wx		(Q)
id	"FM 91"	
MI mx and wx		
WI FD NBT & id		r
Mutual net, garbled id.		(Q)



## Kenneth R. Simon, continued

6/15	1338 Es	88.7	WJOM WINESBORO, ONT, CANADA	rock	r
	1342	89.5	WCMU MT. PLEASANT, MICH	class mx (Water Music - Handel) very	
				apropo as it was POURING here...	
	1401	88.3	WIAA INTERLACHEN, MICH	id	r
6/21	1836	89a		u - S3 w/garbled id -WU	
	1848	90.1	WOT AMES, IOWA	IA mx, id	r
		90.1	WMBI CHICAGO, ILL	tent. id	rt
	1930	89.1	KCLC ST. CHARLES, MO	wx and temp.	
		90.5	KXCV MARYVILLE, MO	temp. and id	
	1957	89.3	KCUR KANSAS CITY, MO	KS news	
	2000	91.1	WVUE VINCENTES, INDIANA	sign off	
	2026	89.1	KCMW WICHITA, KANSAS	Archie and id	
	2030	90.5	KXCV	Poston pops, WW Missouri Univ id	r
	2058	90.9	KCMW WARRENSBURG, MO	class mx, Cent. Mo St. Univ id	
		84.5	KUMR ROLLA, MO	id	
	2109	90.3	KWKI KANSAS CITY, MO	ads	
	2112	95.1	KICT WICHITA, KANSAS	country and western, ads	
	2131	95.5	KWEN TULSA, OKLAHOMA	Accent news and id	
	2141 tr	93.7	WPUZ OCALA, FLORIDA	ad Ocala Twin Theater	t
	Es	93.9	CFMO OTTAWA, ONT, CANADA	ACI/heard ...In downtown Ottawa...	t
6/22	0835	88.9	WLCC LINCOLN, ILL	Lincoln Ch. Col. id (10 watt?)	
				Note - The 1973 FM ATLAS and Station	
				Directory says 4600 watts - LTV	
	0849	90.9	WAUS EPHRATA SPRINGS, MICH	releg and wx	r
	0858	92.5	KSYN JOPLIN, MO	FM converter ad and id	
	0902	90.1	WIAN INDIANAPOLIS, IND	"Indianapolis radio"	t
		90.1	WOT AMES, IOWA	news	r

73's Ken

## Bill Feidt W3DJI, 8708 Contee Road, Apt. 14, Laurel, Maryland 20811

One day of good Es noted so far this season, but that day was really terrific.				cutting up local WAVA w/c&w and local	
6/4	Tr	2200	W10V 105.1 Ephrata, PA	announcements; ID on the hour.	
				w/news, ID & pops.	
6/5	Tr	0616	WOBM 92.7 Toms River, NJ	vy strong w/standard Rebelde ID.	
6/15	Es	0800 R.	Rebelde 90.5 Habana, Cuba	w/local annets; fair w/local WTR missing;	
	Tr	0335	WFMA 100.7 Rocky Mount, NC (211)	only CGI was from Es.	
	Es	0845	KLAW 101.5 Lawton, OK (1216)	great level w/"KLAW Carrousel"; this one	
	Tr	0905	WGTO 94.3 Smithtown, NY (205)	was dominant during most of the opening.	
				w/spot for Massapequa & Huntington firm;	
				ID w/slogan Where Listening Is Always	
				A Pleasure.	
	Es	0905	WARI 94.3 Abbeville, AL (705)	mixed w/WGTO w/ID and gospel/country.	
		0945	KVIL 103.7 Highland Park, TX (1177)	w/station contest promo.	
		1000	KSQZ 89.1 Ft. Lookout, MO (861)	w/F-Z; ID & slogan; "broadcasting from	
				the campus of the School of the Ozarks."	
		1005	KLFB 94.3 Golden Meadow, LA (1022)	gud level w/mx, wx, ID; gives me tapes	
				of both its AM and FM.	
		1025	KAKC 92.9 Tulsa, OK (1050)	w/solid gold sound.	
		1033	KOFM 104.1 Oklahoma City, OK (1144)	w/extensive OK wx, mixed w/KHOM.	
		1044	KHOM 104.1 Hueama, LA (1038)	local spots and rock.	
		1052	KFWD 102.1 Fort Worth-Dallas, TX (1177)	rock and SID.	
		1055	KIMF 100.7 Mt. Pleasant, TX (1119)	ID w/"stereo 100" slogan.	
		1100	KDTX 102.9 Dallas, TX	w/religion to ID; slogan is "the great	
				alternative."	
		1108	KNUS 98.7 Dallas, TX	w/rock cracking through local WMOB.	
		1128	WKRG 99.9 Mobile, AL	local real estate spot & ID w/"stereo	
				100" slogan.	
		1130	WAFB 98.1 Baton Rouge, LA (1005)	rock; "stereo 98."	
		1135	WIXO 98.5 New Orleans, LA (977)	mx, stn address for bulliten board; rock.	
		1145	WQXY 100.7 Baton Rouge, LA	local spots, "stereo 98."	
		1150	WMEZ 94.1 Pensacola, FL	local spots, ID, E-Z.	
		1153	WBLX 92.9 Mobile, AL (861)	very good w/ID and Soul.	

Bill Feidt, continued

6/15 Es 1158 WCKW 92.3 Laplace, LA (986)

1201 WYNN 101.5 Baton Rouge, LA (1005)

1201 WBCF 101.5 Pensacola, FL

1206 ESKU 102.1 Hutchinson, KS (1108)

1220 KAPB 97.7 Marksville, LA (1003)

1221 KATD 97.5 Beaumont, TX (1152)

1245 WHSY 104.5 Hattiesburg, MS (877)

1300 KVLV 91.3 Beaumont, TX (1152)

1315 KNUE 101.5 Tyler, TX (1144)

1329 KWDC 96.7 Idabel, OK (1038)

1330 KRAV 96.5 Tulsa, OK

1345 KNOD 97.5 Tulsa, OK

1348 KSLQ 98.1 St. Louis, MO (722)

1357 KCLC 89.1 St. Charles, MO (772)

Also noted but not needed were: WFLA 93.3 Tampa, FL @ 0920, KICV 90.5 Maryville, MO @ 1400, KCUR 89.3 Kansas City, MO @ 1400, and KATL 101.5 Storm Lake, IN @ 1430.

Tr 2330 WPMZ 100.7 Allentown, PA

73 to all.

Larry T. Vogt KAUZO, 8213 Springfield Village Drive, Springfield, Virginia 22152

Fisher 500TX receiver with a Finco FM4G beam at 25 feet. Times are EDT.

6/14 tr 0030 WSFL 106.5 Bridgeton, NC (255)

0051 WRJR 94.3 Farmville, NC (230)

6/15 Es 1158 KFSU 91.7 Stillwater, OK (1095)

1203 KSUC 88.3 Keene, TX (1200)

1209 WJDB 95.3 Thomasville, AL (750)

1233 ESKU 102.1 Hutchinson, KS (1115)

1244 WZEL 105.3 Slidell, LA (915)

1245 WRQA 107.1 Gulfport, MS (880)

1247 WHSY 104.5 Hattiesburg, MS (845)

1247 WWSM 105.5 Bay Minnette, AL (800)

1252 KSMI 104.9 Donaldsonville, LA (975)

1259 WJBO 102.5 Baton Rouge, LA (965)

1304 WOSM 103.1 Ocean Springs, MS (855)

1312 KDEA 99.1 New Iberia, LA (1025)

1317 KPFL 99.9 Lafayette, LA (1025)

1323 WAFB 98.1 Baton Rouge, LA (965)

1329 WJOJ 106.3 Patayune, MS (900)

1331 WABO 105.5 Waynesboro, MS (800)

1335 WTEI 105.7 McComb, MS (905)

1338 WYNN 101.5 Baton Rouge, MS (965)

1339 WIXO 98.5 New Orleans, LA (945)

1352 KRFB 106.1 Monroe, LA (930)

1358 WLYX 89.3 Memphis, TN (745)

1407 KVIL 103.7 Dallas, TX (1150)

1412 WBAQ 97.9 Greenville, MS (850)

1414 KCLC 89.1 St. Charles, MO (700)

1425 KKMA 104.5 Pryor, OK (995)

1427 KAPG 102.7 OK City, OK (1130)

1429 KOPM 104.1 OK City, OK (1130)

1434 KPCC 103.9 Pochantas, AR (760)

local spots & ID w/slogan: "The total sound of radio for the River Parishes." Solid Gold thru local WFLA.

w/"WYNN nx" just before WPOP took over; gives me tapes on both AM and FM.

w/local soul food spot; ID & Soul format.

w/state nx & spots for Wilson & Ct. Bend.

w/community bulletin board.

ID w/slogan "stereo 97.5."

w/"WHSY nx"; many state & local items.

w/jazz to ID on the hour.

SID & F-Z.

surfacing only briefly w/ID.

w/ID & spots for "Caravan 1" in Tulsa.

w/local spots, rock, and ID.

rock w/"thr Q" slogan; contest promo tele-

phone numbers for MO and IL.

w/jazz to ID & news.

w/beaut. music to 2-hour ID.

73 to all.

rock, slight local WEZR 106.7 GRM.

ad, jazz, WRVQ 94.5 GRM. Station #500.

"morning concert," ID. Again @ 1228.

wx, "the refreshing sound, KSUC from South-

western Union College in Keene." QSLed on

their third day of operation.

bunch of local ads and ID.

wx, 79 here in Hutchinson, § FZL.

ID, soul format, poor audio.

"stereo 107" and ID. Also @ 1331 w/"gulf-

coast environment" wx report.

"WHSY pacesetter news"

ID, music. Weaker than others.

rock, KSMI jingle, local ads. Again

@ 1325 w/weather jingle & "accuweather."

news, wx, Baton Rouge news. Strong, §.

local ads for Ocean Springs & Jackson

County, MS news.

wx, "Peautiful KDEA § 99 New Iberia" ID.

ads, news. "K-pel reports the news,"

In again at 1350 w/ads.

w/a bunch of local ads. Strong, §.

ID, ads. Noted again @ 1337.

country, gave phone #. Again @ 1354 w/ads.

ad, Colonial Mobile Homes in McComb.

Country, ad. §

ads, jingles, rock.

country, KRFB jingle.

"PM 99 News," PSA, YL-armor w/Memphis

environment (wx), ID @ 1400.

"Peoples Choice Contest" KVIL will fly

you to San Juan...

out of the mud briefly with an ID.

"KCLC mini-review," opinion on current

jazz albums. Again @ 1459 w/wx & news.

wx, w/"here @ KKMA studios" bit.

ad, House of Kawasaki, 2 locations in OKC.

local ads and weather.

wx, news, ad. mono.

## Larry T. Vogt, continued

6/15 Es 1435 KOKO 105.5 Warrensburg, MO (870) "that's wx from KOKO," some QRM.  
 1438 KMOD 97.5 Tulsa, OK (1030) listed songs played, wx (w/ID), ads.  
 1442 KUDL 98.1 Kansas City, KS (930) prog, rock, ads, \$, perfect!  
 1452 KTAV 92.1 Knoxville, IA (850) ID and time check.  
 1453 KSIS 92.1 Sedalia, MO (845) "stereo 92," ID, "EZZL music radio for central MO." \$ on peaks.  
 1458 WSIF 88.7 Edwardsville, IL (675) spot for "Radio Smithsonian" here on WSIF  
 1504 WGIL 94.9 Galesburg, IL (700) local ads, mono.  
 1505 KMNR 89.7 Rolla, MO (775) very detailed wx report, QSB, peaked "fair"  
 1508 KOOO 104.5 Omaha, NE (1000) local ads; ..mention K-triple-0 and get...  
 1511 KJAN 103.7 Atlantic, IA (950) ad for the Music Mart in Atlantic.  
 1529 WEKZ 93.7 Monroe, WI (690) rock, ads, ID for AM & FM.  
 1541 WIAL 94.1 Eau Claire, WI (830) local ads, \$ and strong!  
 1543 WAYL 93.7 Mpls-St. Paul, MN (915) ID, "presenting MN's longest segments of music without interruption" a bunch of local ads.  
 1548 WKUB 92.1 Manitowish, WI (650)  
 All of the above logged stations are "new." Also heard 20 "relogs," which are not listed due to time and space. Quite a fantastic opening -- in four hours, stations from sixteen states (FL thru TX, TX thru SD, SD thru WI, and WI thru MS) were heard.  
 6/20 Es 1100 ZBM 89.1 Hamilton, Bermuda news, time check. QSB, \$ peaks "relog"  
 1118 WUSF 89.7 Tampa, FL ID, program sked w/YL announcer. weak "relog"  
 1134 WMGF 92.7 Stuart, FL Mutual news, wx, ID, ad. \$, strong "r"  
 1235 WMCU 89.7 Miami, FL ID, stocks. Strong, mono. "relog"  
 6/21 Es 1124 WOCN 94.9 Miami Beach, FL (910) FZL, local ads. \$  
 1206 WAMR 92.1 Venice, FL (850) ID, local ads. mono. Again @ 1219.  
 1213 WLCY 94.9 Tampa, FL (795) ID, \$ rock.  
 1214 WVFM 94.1 Lakeland, FL (780) "\$ 94 News" and ID. QRM and not too strong.  
 1238 WGVV 92.9 Valdosta, GA (645) ID, country. QRM from WFGV 92.9 Norfolk.  
 1309 WIPE 94.3 Americus, GA (610) "WIPE Black Gold" jingle, soul.  
 1313 WJAD 97.3 Bainbridge, GA (675) local ad, song. Strong but mono.  
 1315 WIRB 96.9 Enterprise, AL (670) ID, ad, "Newscope" and another ad. \$ peaks  
 1319 WBLX 92.9 Mobile, AL (825) heavy rock, some "sculish." Also @ 1349.  
 1323 WTTT 100.9 Marianna, FL (710) local ads.  
 1329 WJLQ 100.7 Pensacola, FL (800) ID, PSA. ex-WGNA.  
 1332 WARI 94.3 Abbeville, AL (660) local ad. QRM - in only briefly.  
 1342 WGEA 93.5 Geneva, AL (715) ID only, perhaps rock.  
 1355 WABB 97.5 Mobile, AL (825) local ads. Bad QRM/WEFM 97.5 M'burg, WV.  
 1357 WKRG 99.9 Mobile, AL (825) PSA for local Red Cross.  
 Also had 12 "relogs" on the 21st. Two worth mentioning are R. Rebelde 90.5 Havana, Cuba @ 1116 and WQID (ex-WYMI) 93.7 Biloxi, MS @ 1400. All others FL, AL, MS, & IA.  
 6/22 Es 1105 WMCU 89.7 Miami, FL ID, quickly gone. "relog"  
 1128 R. Rebelde 90.5 Havana, Cuba search me, heard Havana a lot. "relog"  
 1135 KITV 92.9 San Antonio, TX ID and bunch of local ads. "relog"  
 1151 KNCT 91.3 Kileen, TX EZZL organ music, ID. "relog"  
 1156 KWTK 97.5 Waco, TX (1230) PSA for Waco police. Briefly over WEFM.  
 1159 KLBV 93.7 Austin, TX (1305) local ad followed by ID.  
 1215 KAMO 94.9 Arlington, TX (1190) ABC News, then local stuff.  
 1315 KNFB 94.3 Nowata, OK (1005) local ads, local news, local wx.  
 Also heard "relogs" KSCZ 88.1 MO and KAKC 92.9 OK. Skip gone by 1221.  
 6/26 Es 1214-1317 CBIM 93.5 Magdalen Island, Quebec (975) French "Radio Canada" with talks, discussions, interviews, some brief music fills, mono.  
 1234-1306 CKWM 97.7 Kentville, Nova Scotia (810) "Matinee Five" nonstop music News, wx, & sports 1300-1305. mono.  
 1240-1306 CBC-FM 103.1 Charlottetown, Prince Edward Island (995) music, news, talks, dead air, cue tones on air. mono.  
 Three new provinces, first skip to northeast for me. Those stations do not believe in IDs, but got extremely detailed info, & QSL in from CKWM already. All strong & stable.  
 6/10 tr 1130-0002 CKWM 89.1 Williamsburg, VA (105) progressive rock & sign off. Sign off gave power as 77 watts ERP. Signal just barely above the noise level but stable enough for nice copy. Been trying to get them for years. Perhaps raised power (for me)?

# NORTHERN FM DX

Edward Barboni  
50 S. Montgomery Ave.  
Morristown, PA 19401  
Deadline - 12th

Harry Hayes Star Route Box 226C Gouldsboro, PA 18424 (EDT) 5/16 - 6/21

Equipment is a Masterwork Stereo on Rabbit ears and a Magnavox on an outdoor antenna. My DXing location is 10 miles ESE of Wilkes-Barre PA in Thornhurst, PA. Elevation is about 1875 feet ASL with blockage to the north, west, and southwest by higher mountains. New loggings are underlined.

- |    |      |             |             |                          |               |    |      |             |                                     |
|----|------|-------------|-------------|--------------------------|---------------|----|------|-------------|-------------------------------------|
| 16 | 2215 | <u>WGCR</u> | 104.5       | Wallsboro, PA            | 14            | Es | 1930 | <u>WMIX</u> | Mt. Vernon IL                       |
|    |      | noted for   |             | 1st time w/cw.           |               |    |      | Mutual Nx   |                                     |
| 18 | Tr   | 2205        | <u>WHDH</u> | 95.7                     | Olean, N.Y.   | 15 | Es   | 0930        | <u>WFAA</u> Dallas, TX w/rr         |
| 25 | Ms   | 1600        | Unid        | 105.7                    | with AI Nx    |    |      | 1013        | <u>KTLC</u> 100.3 Dallas TX w/EL    |
| 31 | Es   | 1528        | <u>KSYM</u> | 92.5                     | Joplin,       |    |      | 1040        | <u>KPWD</u> 102.1 Ft Worth w/rr     |
|    |      | 1558        | <u>WKLH</u> | Al. w/Hit Parade         |               |    |      | 1050        | <u>KVIL</u> 103.7 Dallas, TX        |
|    |      | 1600        | <u>WIBW</u> | Topaka KS w/CBS Nx       |               |    |      | 1055        | <u>KPLY</u> 99.5 Dallas TX "K-plex" |
| J3 | Tr   | 1300        | <u>WINE</u> | 95.1                     | Brookfield CT |    |      | 1057        | <u>KAPN</u> 92.5 Dallas TX "92K"    |
|    |      | 1330        | <u>WBOG</u> | 88.3                     | Newark NJ     |    |      | 1100        | <u>KDNT</u> 106.1 Denton with Hit   |
|    |      |             |             | childrens Programming    |               |    |      |             | Parade.                             |
|    |      | 1338        | <u>WNHU</u> | 88.7                     | W. Haven CT   |    |      | 1100        | <u>KOAX</u> 105.3 Dallas, TX        |
|    |      |             |             | w/rr, in poorly          |               |    |      | 1100        | Unid 93.7 "The Gentle Sound,        |
|    |      | 1400        | Unid        | 91.1                     | w/rr          |    |      |             | Gentle on your Mind."               |
| 4  | Tr   | 2307        | <u>WDRG</u> | Hartford, CT.            |               |    |      | 1133        | <u>KWTX</u> 97.5 Waco, TX w/EL      |
|    |      | 2330        | <u>WDSD</u> | Dover, DE.               |               |    |      | 1135        | <u>KRLY</u> 93.7 Houston TX w/rr    |
|    |      | 2340        | <u>WMAL</u> | 107.3                    | Wash, DC.     |    |      | 1150        | <u>KMRO</u> 106.9 Conroe, TX        |
|    |      | 2357        | <u>WAVA</u> | 105.1                    | Arlington VA  |    |      | 1200        | <u>KJCS</u> 103.3 Nacogdoches, TX   |
| 7  | Tr   | 0003        | <u>WBOC</u> | 104.7                    | Salisbury MD  |    |      |             | with Sid                            |
|    |      | 0020        | <u>WLOD</u> | 98.7                     | Wash, DC.     |    |      | 1230        | <u>WBYU</u> 95.7 New Orleans LA.    |
|    |      |             |             | w/oldies                 |               |    |      | 1245        | <u>WTGI</u> 103.3 Hammond, LA.      |
| 8  | Tr   | 2245        | <u>WHGN</u> | 105.9                    | Hartford CT   |    |      | 1330        | <u>WCCA</u> 94.1 McComb MS.         |
|    |      | 2333        | <u>WATK</u> | 105.7                    | Baltimore MD  |    |      | 1345        | <u>WYNK</u> 101.5 Baton Rouge       |
| 9  | Tr   | 0015        | <u>WNAV</u> | 99.1                     | Annapolis MD  |    |      | 1349        | <u>KPEL</u> 99.9 Lafayette, LA      |
| 11 | Es   | 1220        | <u>KOMH</u> | 94.1                     | Omaha, NB w/  |    |      | 1404        | <u>WOXY</u> 100.7 Baton Rouge       |
|    |      |             |             | hair styling Ad.         |               |    |      | 1420        | <u>KDBS</u> 100.3 Alexandria IA     |
|    |      | 1227        | <u>KGBI</u> | 100.7                    | Omaha, NB     |    |      | 1430        | <u>KMEC</u> 93.7 LA with EL         |
|    |      | 1230        | <u>KFM</u>  | Omaha 96.1 w/spot        |               |    |      | 1433        | <u>KWEN</u> 95.5 Tulsa, Okla.       |
|    |      |             |             | for Bel Air Plaza        |               |    |      | 1454        | <u>KOFM</u> 104.1 Oklahoma City     |
|    |      | 1240        | Unid        | 104.1                    | w/promo to    |    |      |             | with local News                     |
|    |      |             |             | stay in Iowa.            |               |    |      | 1500        | <u>KKIK</u> 103.7 (Ex.KARN) Ar.     |
|    |      | 1245        | <u>KFMG</u> | 94.9                     | Des Moines IA |    |      |             | "Rock 104"                          |
|    |      | 1245        | <u>KRNT</u> | 102.5                    | Des Moines    |    |      | 1508        | <u>KITS</u> 94.7 Springfield MO     |
|    |      |             |             | w/Hit Parade & Nx        |               |    |      |             | w/cw "Double T"                     |
|    |      | 1250        | <u>KCKN</u> | 94.1                     | Kans.City, KS |    |      | 1510        | <u>KMOD</u> 97.5 Tulsa, Okla.       |
|    |      | 1251        | Unid        | 101.7                    | or 9 w/spot   |    |      | 1511        | Unid 92.9 w/rr KAKC?                |
|    |      |             |             | for KPL energy savers,   |               |    |      | 1523        | Unid 97.3 Royals & Tigers           |
|    |      |             |             | "Ready Reserves Booklet" |               |    |      |             | Baseball- KWPC?                     |
|    |      | 1325        | <u>KJCK</u> | 94.5                     | Junction City |    |      | 1530        | <u>WSIE</u> 88.7 Ill. Tent.         |
|    |      |             |             | Ks.                      |               |    |      | 1535        | <u>KCMW</u> 90.9 MO. Tent.          |
|    |      | 1326        | Unid        | 101.7                    | w/spot for    |    |      | 19          | Tr 1115                             |
|    |      |             |             | Key Datsun               |               |    |      | 21          | Es 1445                             |
|    |      | 1335        | <u>KOFO</u> | 95.7                     | Ottawa, KS    |    |      |             | <u>WVMI</u> 93.7 Biloxi, MS.        |
|    |      |             |             | w/college Nx             |               |    |      |             |                                     |

Bruce F. Elving - Box 24 - Adolph, MN. 55701 (CDT) 5/18 to 6/26

- |      |      |                 |       |               |      |      |             |       |               |
|------|------|-----------------|-------|---------------|------|------|-------------|-------|---------------|
| 5/18 | 0600 | <u>WFNE</u>     | 100.1 | Forsyth, GA   | 5/30 | 1630 | <u>KUPD</u> | 97.9  | Tempe, AZ     |
|      |      | Meteor          |       |               | Es   |      | <u>KMCR</u> | 91.5  | Phoenix, AZ   |
|      | 0605 | <u>WMQT</u>     | 107.1 | Ishpeming MI  |      | to   | <u>KNIX</u> | 102.5 | Phoenix AZ    |
|      |      | <u>WATK</u>     | 104.9 | Antigo, WI    |      |      | <u>KDKB</u> | 93.3  | Mesa, AZ      |
|      |      | <u>WUUN</u>     | 100.1 | Marquette MI  |      | 1700 | <u>KBUZ</u> | 104.7 | Mesa AZ       |
|      |      | with Hit Parade |       |               | 5/30 | 1030 | <u>WBLX</u> | 92.9  | Mobile AL     |
|      |      | <u>KLGR</u>     | 97.7  | Redwood Falls | Es   |      | w/soul Mx   |       |               |
| 5/29 | 1204 | <u>WLEL</u>     | 95.3  | Roanoke AL    |      |      | <u>KPUP</u> | 97.7  | New Braunfels |

Bruce F. Elwing (cont'd)

5/30	KNBT 92.1 New Braunfels	6/15	1200 WGIG 100.7 Brunswick GA w/Wx
Es	1255 KBUY 93.9 FtWorth Tex.	Es	WSGF 95.5 Savannah GA
	Spanish w/English Id		WDDM 101.3 Sumter, SC.
6/11	1137 WTGM 89.5 Norfolk VA	6/19	1100 WSGF 95.5 Savannah, GA
Es	WRQR 94.3 Farmville NC	Es	to WBSJ 102.3 Ellisville MS
	to WAFR 90.3 Durham N.C.		0130 KMWT 95.9 Mineral Wells TX
	1234 WRCM 92.1 Jacksonville	6/20	0946 KOLR 95.3 Independence IA
6/15	0855 WUSF 89.7 Tampa, FL	6/22	0945 WKSS 95.7 Hartford CT
Es	WVFM 94.1 Lakeland, FL	Es	to WBCN 104.1 Boston, MA
	WTLN 95.3 Apopka, FL		1003 WHIM 94.1 Providence RI
	w/Gospel		1014 WCRB 102.5 Waltham, MA
	WTAN 95.7 Clearwater FL		WDNH 97.5 Dover, NH
	WCHL 98.1 Live Oak FL		WJTO 95.3 Bath, ME.
	to WORJ 107.7 Mount Dora F		WAWY 92.7 Norway, ME.
	WGVL 105.5 Gainesville F	to	WMEH 90.9 Bangor, ME.
	WEAT 104.5 W. Palm Beach		WBGW 97.1 " "
	WRMF 98.3 Titistville FL		WDEA 95.7 Ellsworth, ME.
	WIID 99.9 Palatka, FL		1205 WGEA 93.5 Geneva, AL
1103	WCSR 102.5 Sarasota -		1622 KKFm 96.5 Colo.Springs CO.
	St.Petersburg, FL.		1628 KRDO 95.1 " "
	to WWBA 107.3 St.Petersburg	6/26	WQXO 98.3 Munising, MI.
	WDGM 106.7 Leesburg FL		
	1200 WRBQ 104.7 Tampa Fl. Id		
	as "Q-105"		

Joseph Fela - 150 Robert Place - So. Plainfield, NJ. 07080 (EDT) 6/7-7/1

Receiver - Pioneer SX-828 Antenna - JFD FM-10A @ 30 Feet.

6/7	1845 WCCR 104.5 Wellsboro -	6/15	0958 KAMC 94.9 Arlington TX
Tr	Mansfield, PA.	Es	with PSA and ID
	1850 WDDL 104.9 Scranton PA		0959 WMEZ 94.1 Pensacola FL
	1855 WPEL 96.5 Montrose PA		Id as "Stereo 94 in Pensacola-EZ"
	1909 WDLA 92.1 Walton, N.Y.		1038 KSCS 96.3 Ft.Worth TX w/cw
	s/off same time as AM - w/Nx		1052 KAFM 92.5 Dallas w/rock "K92"
	1919 WVOB 95.9 Liberty, NY w/nx		1159 KNUE 101.5 Tyler TX w/Tx state
	2300 WCGY 93.7 Lawrence, MA w/rtr		News and then Weather
	2302 WSRB 96.1 Worcester MA		1200 KGAF 94.5 Hainesville TX with
6/8	1208 WKSJ 94.9 Mobile AL		AM-FM ID then CBS News
Es	1210 WPCS 89.3 Pensacola FL		1205 KOSY 102.5 Texarkana, AR
Tr	1900 WMJW 92.1 Nanticoke PA		with Weather and MoR.
	1902 WGBI 101.3 Scranton PA	6/22	2023 KWYR 93.7 Winner, S.D.
6/13	2355 WVHR 101.3 Hampton, VA	Es	2030 KQDE 92.1 Waseca Minn.
14	1923 WCPG 93.3 Houston Miss.		2035 KIJV 92.1 Huron, S.D.
Es	with ads and Id		Mutual NX, Id and pop Mx.
6/15	0728 WSMD 104.1 La Plata MD		2100 KESD 88.3 Brookings S.D.
Tr	0730 WFMM 93.1 Baltimore MD		2102 KRSW 91.7 Pipestone Minn
Es	0857 Radio Rebelde 90.5		probable-except they carried a
	CUBA w/Id and what sounded		KSJR 90.1 ID
	like children's Programming	6/28	1646 WAMR 92.1 Venica FL w/ad
	0858 KNCT 91.3 Killeen TX	Es	1649 WFLA 93.3 Tampa, FL w/ad
	w/sports, Id and then Nx		1654 WRBQ 104.7 Tampa FL Id as
	0903 WAMR 92.1 Venice FL		"Q-105" w/rock
	w/Wx Warnings, Id and MoR	7/1	1550 WKHS 90.5 Worton, MD w/rock
	0920 KSUC 88.3 Keene, TX	Tr.	and then 10 min. of news.
	0929 WBLK 92.9 Mobile AL.		
	w/R&B Programming		
	0953 WKSJ 94.9 Mobile AL		
	Care PSA and ID.		

FM-NORTH Column continued on page 35 .....



# CENTRAL TV DX

STEVE JOST  
411 PENHURST RD.  
HAVERSTOWN, PA  
19 63

JULY, 1974

DON'T FORGET TO SEND YOUR REPORT TO THE ADDRESS ABOVE. BILL HAS DONE A GREAT JOB. THE INFO. ON THE TV X-CLUB AND I'M SURE WE ALL APPRECIATED HIS REPORT. IF YOU WOULD LIKE TO MAKE IT EASIER FOR ME, SEND ME YOUR REPORTS IN THE FORMAT BELOW, WITH: DATE, PROPAGATION, TIME AND STATION OUT IN THAT ORDER. I FEEL THAT YOUR COMMENTS AND ANY LOCAL INFORMATION YOU HAVE ALWAYS MAKES THE REPORTS INTERESTING, SO LET US KNOW WHAT'S HAPPENING WITH YOU, HOW YOUR EQUIPMENT WORKS, OR WHAT YOUR NEIGHBORS THINK OF THOSE METALIC MONSTERS ON THE ROOF. IT ALWAYS WANTS THE REPORT. INTERESTING. AS FAR AS DX GOES, WE'LL LOOK FOR YOURSELF...

FRANK WHEELER, 589 LATTERBURG ROAD, ERIE, PA (37T)  
2-11 Tr 1837 WJL-22 WINDSOR (T) 4-25 Tr 1343 WJL-6  
4-16 Es 1158 WJL-3 MICHATA, IAN. (153) MIAMI (190)  
4-35 1235 WJL-2 PATON ROGERS (190)  
1300 WJL-3 ENSACOLA FLA (21) "THE CLUB MAY BE  
131 WJL-3 DOZIER, ALA. (415) INTERESTED TO  
1431 WJL-5 PALM BEACH FLA (1061) KNOW THAT WITH  
CELEBRATING THEIR  
10TH ANNIVERSARY."

PAUL JAINES, 1041 FARFIELD RD, DETROIT, MI 48227 (2)  
4-20 Tr 105 WJL-1 SOUTH BEND, IND 4-28 Tr 030 WJL-11  
1109 WJL-1 CLEVELAND, OH 4-29 1138 WJL-10 C.  
1120 WJL-5 CLEVELAND, OH 0305 WJL-9 ILL.  
1141 WJL-2 SOUTH BEND (165) 0515 WJL-3 MICH  
0106 WJL-21 YOUNGSTOWN OH 4-30 0520 WJL-2 ONT  
0256 WJL-1 LONDON, ONT. 5-1 " " " ONT.  
305 WJL-8 CLEVELAND, OHIO 5-2 0150 WJL-27  
PLUS 35 & 61 (100) YOUNGSTOWN OHIO (T)  
4-21 0610 AKRON AND CLEVELAND 0310 WJL-1 ONT.  
TO WJL's ALSO WJL-4 5-4 0200 WJL-1 C.  
0230 WJL-10 LONDON ONT. 0300 WJL-4 OHIO  
WJL-13 LITCHFIELD ONT. 0310 WJL-6  
4-13 0405 WJL-2 GREEN BAY WISC. 0405 WJL-25 "  
4-20 0225 WJL-4 LITTEBURG PA 5-5 0200 COLUMBUS  
0432 WJL-2 CHICAGO (135) CLEVELAND  
0520 WJL-3 ALAMAZOO MICH 0520 WJL-4 ILL  
4-27 0425 WJL-3 CHICAGO, ILL. 5-7 030 WJL-1 MICH.  
0435 WJL-4 COLUMBUS (15) 5-8 0115 WJL-35 PA  
0555 WJL-7 DAYTON C. (190) 0120 WJL-1  
0600 WJL-10 COLUMBUS, OHIO 0230 WJL-8 OHIO  
4-28 0135 WJL-3 CLEVELAND ALSO 0430 WJL-2 WISC.  
CH. 5 8 5-11 Tr 0545 WJL-7  
PUEBLO CO

GARY OLSON, 103 KENTON ROAD, DEERFIELD, ILL. 60015 CDT  
3-10 Tr 2200 WJL-3 ST. LOUIS 5-28 Tr 2200 STATION TO  
OTHERS IN 300 MILES 300 MILES ALSO IN.  
3-11 0800 WJL-64 TOLEDO 29 OIL SPRINGS (T)  
031 WJL-2 CLEVELAND 5-23 Tr WJL-18 ZANES-  
0900 WJL-81 WISCONSIN (16) VILLE OHIO (330)  
100 WJL-20 ALLIANCE (36)  
5-25 1020 WJL-34 SOUTH BEND (16) "OJ LOUSY. ONE OF  
4-20 0700 WJL-34 COLUMBUS THE POOREST SEASONS I  
CAN RECALL. NO SPRING SKIN YET EITHER. RAIN AND COOL WEATHER  
PLAGUE US HERE."

RONALD LE BLANC, 2044 ARIZONA DRIVE, ARVERO, LA 70072 JDT

1-29 Tr 2130 XHAB-7 MONTAMOROS 3-31 Tr 0001 WJ47-Y PANAMA CITY FLA.

3-26 Es 1830 YSR-2 EL SALVADOR 2100 WJVV-20 MONTG. AL

1910 TGV-3 GUATEMALA 2140 WJYN-10 DOTHAN AL

2042 XHGC-5 MEXICO DF 2141 WFSU-11 TALL FL

2103 XEW-2 MEXICO (917) 2151 WYEA-38 COLUMBUS

3-2 Es 1900 CUBA CH 2&3 2151 WJVM-9 SOL. FL

Tr 2000 EAST TEXAS 2207 WJCO-10 DOORHAN

3-4 Es 1730 SPANISH UNID 4-1 Tr 0001 WFTV-9 ORLANDO

3-5 1945 CUBA UNID 0005 WTVT-13 TAMPA FLA

3-30 Tr 0050 SPANISH ON JH 7 9 13 0011 WSB-2 ATLANTA GA

3-31 0044 WFLG-10 MIAMI (686) 0053 WJXT-4 JACKSONVLL.

0036 WTHS-2 MIAMI FLA. 0059 WBRG-6 BIRMINGHAM

0039 WPTZ-12 W PALM BCH. 0104 WTRI-4 COLUMBUS MS

0040 WLT-40 SARASOTA 0111 WFTY-10 LARGO FL

0041 WTV-10 EL DORADO 0114 WAPI-13 BIRMINGHAM

0042 WTVJ-4 MIAMI 0115 WFTB-4 CHARLNGEN TX

006 KIII-3 JOR CRIST 0140 KFDM-6 PEASUMONT TX

0100 WTOG-44 TAMPA FLA 0144 UNID-8 SPANISH

0100 WOAI-4 SAN ANTONIO 4-21 Es 1036 CB.1-5 TORONTO, ONT. (11.0) 30TH STA.

0108 WLYG-10 Largo FLA 4-14 Es 1830 YSR-2 EL SAL.

0123 KATV-7 LITTLE ROCK 1830 XHGC-5 MEXICO DF

0127 XHEV-9 TAMPICO TANS 4-15 Es 1855 YSR-2 EL SAL.

0128 UNID-8 SPANISH 1910 WJVV-20 GUATEMALA

0139 WTHS-5 SAN ANTONIO 4-16 Es 1900 WJVS-2 N.Y.C.

0140 XHX-10 MONTERREY 2000 WJVR-3 BARRIE NT

0142 WFAA-8 DALLAS (485) 4-21 Es 2150 YSR-2 EL SAL.

0143 WTHS-5 CORPUS CHR. 4-24 Es 2213 KDIX-2 DICK ND

0525 KARK-4 LITTLE ROCK 4-27 Es 1220 WTV-2 MEXICO

600 KMLV-9 OKLA CITY 4-28 Es XEW-2 ALL DAY

0601 WTVT-7 MIAMI FLA 1907 WFTV-2 GRETENSBORO

0704 WFTD-51 Ft LAUD FLA 2000 WJVR-3 CHARLESTON

759 WSVR-35 ORLANDO 4-29 Es 1710 YSR-2 EL SAL.

0810 KHTV-39 HOUSTON 71-3 GUATEMALA (11.0)

0936 KVI-11 DALLAS 1710 CUBA 2 3 & 5

0937 KATV-7 LITTLE ROCK.

1000 KATV-7 LEXER TX

1004 KRAL-2 SHREVEPORT LA

1931 WJVR-11 Ft MEYERS FLA

2000 WJVS-17 JACKSONVILLE

5-3 Es 1610 UNID-2 & 3 5-14 Es 2140 UNID-2 SPANISH

2000 XEW-2 MEXICO 5-21 4 00 WJVN-2 DENVER CO

5-5 1315 YSR-2 EL SAL. 2110 KATV-3 PHOENIX

1315 WJVV-3 GUATEMALA 2159 XEW-2 MEXICO

1945 WJVV-3 MEXICO 2200 WJVR-3 BARRIE NT

5-12 Es 1800 YSR-2 EL SAL. 5-20 2800 CUBA 2 3 & 5

1009 WJVV-3 FALL VI 1200 MIAMI AREA

2050 WJVV-3 DETROIT 5 20 100 WJVV-2 DENVER

2147 WJVV-3 CLEVELAND 0106 KATV-2 CASPER WY

10 WJVA-2 FITT PA 137 KOA-4 DENVER CO

5 13 1 1800 WJVV-3 WERTON NT 0145 KATV-3 STERLING

300 STATIONS, 35 STATES, 3 CANADA, 3 MEXICO & FOREIGN

MILB LAKER, 193 Morris Street, New Castle, Pennsylvania

5-29 Es 0000 CBHT-3 Halifax N.S. 6-15 Es 2000 WFTV-5 W Palm Bch.  
 0030 2120-5 Halifax N.S. 2030 WAAW-5 Tampa Fla  
 0100 CFCB-4 Sydney N.S. 6-15 1530 WARG-5 Mobile Ala  
 0130 C3JA-4 Grand Falls 1600 WAAK-3 Pensacola Fla  
 0200 WLBZ-2 Bangor Maine 1630 WELB-2 Little Rock  
 5-30 2030 WBAK-5 Ft Worth Tex 1700 WACW-5 Ft Smith Ark  
 2100 W000-5 Oklahoma City 1730 WXX-4 Oklahoma City  
 2130 WELB-2 Little Rock 1800 W000-5  
 2200 WDCX-3 Wichita Falls 1830 WFTV-6 Tulsa Ok  
 2230 WELB-2 Tulsa Ok 1900 WBAV-3 Savannah Geo  
 6-10 1930 WTVJ-4 Miami Fla 1930 WAAK-4 Little Rock

FRANK WHEELER, 5525 Nattaburg Road, Erie, Pennsylvania

4-16 Es 2359 WABZ-3 Wichita Kans. 5-30 Tr 0855 WJAN-5 Lansing Mich  
 4-25 1255 WBRZ-2 Baton Rouge 0900 WFTS-56 Detroit Mich  
 1300 WBAK-3 Pensacola 0955 WABZ-50 Detroit Mich  
 1310 WALK-2 Cozler Ala Es 1230 WATG-3 Lafayette La  
 1330 WFTV-5 W Palm Bch 5-1 1001 WBRZ-2 Baton Rouge  
 1333 WJIX 6 Miami Fla 1030 KPRC-3 Houston Tex  
 5-5 0133 WACK-2 Newline Sask 1100 WBTX-3 Bryan Tex  
 5-13 1130 WMT-2 Cedar Rapids 1130 WNOP-2 North Platte  
 1201 WJAN-3 Mason City IA 1200 WABZ-2 State College  
 2259 WNOP-2 North Platte 1330 WABZ-3 Memphis Tenn  
 2300 WTVS-3 Sterling CO 1330 WABZ-2 Little Rock  
 5-29 2100 WBTX-3 Bryan Texas 1555 WESH-2 Daytona Bea  
 Tr 2000 WNEB-5 Bay City 1600 WEDJ-3 Tampa Fla

DONALD MULAND, 4449 56th Place, Kenosha, Wisconsin 53140

5-13 Tr 0758 WJAN-5 Cleveland 5-2 Es 1930 WABZ-2 from west  
 5-19 0901 WJAN-4 Lorain (310) Tr 2100 WABZ-61 Cleveland  
 0945 WABZ-4 Lorain 5-23 0515 WABZ-19 Cincinnati  
 0645 WABZ-61 Cleveland 0525 WABZ-12 Cincinnati  
 0645 WABZ-3 Youngstown 0525 WABZ-11 Louisville  
 0645 WFTV-3 Youngstown 0633 WABZ-13 Lexington  
 0650 WABZ-23 Akron (340) 0675 WABZ-34 Columbus  
 0659 WABZ-52 Pittsburg 0645 WABZ-27 Lexington  
 0700 WJIX-19 Cincinnati 0645 WABZ-32 Louisville  
 0722 WABZ-21 Youngstown 5-27 0700 WABZ-10 Rochester  
 0300 WABZ-35 Erie PA 5-2 Es 1200 WBAV-3 Savannah (330)  
 0330 WABZ-10 Columbus 1230 WABZ-3 Lafayette  
 0400 WJEL-24 Erie PA (400) 1300 WABZ-2 Houston (930)  
 5-20 0530 WABZ-12 Cincinnati 5-5 Ms 0555 WABZ-6 New Orleans  
 0530 WABZ-34 Columbus 5-9 Es 0900 WABZ-3 Wichita Falls  
 5-21 0628 WABZ-34 Columbus 0930 WABZ-2 Midland (1070)  
 0715 WABZ-10 Rochester 1000 WFTV-2 Billings (1040)  
 2230 WABZ-16 Olney (270)

As of 5-16 new Zenith 25" color set with onf retent tuner

James Arrington, Rt. 8, Box 75, Wetumpka, Alabama

11-19 Tr 0145 WABZ-12 Beaumont 12-31 Es 1105 WABZ-2  
 0615 WABZ-12 Lafayette 1125 WABZ-2 Detroit Mich  
 2300 WJEL-17 Atlanta GA 1200 WABZ-2 Buffalo NY  
 11-19 2300 WABZ-26 New Orleans 1-1 1300 WJEL-2 Seattle Ste Marie  
 11-20 0000 WABZ-5 Memphis (375) 1400 WABZ-3 Escabana Mich  
 11-22 0055 WABZ-3 Monroe LA 1500 WJEL-6 Deseronto ONT  
 11-23 0020 WABZ-9 Charlotte (386) 1600 WABZ-2 Great Bend KS  
 Ms 0155 WABZ-4 St Louis (595) 1730 WABZ-5 Pueblo CO  
 Tr 0505 WABZ-3 Charlotte NC 1730 WABZ-2 North Platte NE  
 0530 WABZ-12 Columbia SC 1730 WABZ-6 Denver CO  
 11-24 0552 WABZ-17 Jacksonville 1830 WABZ-3 Lexington MS  
 12-24 1300 WABZ-3 Baton Rouge

Harry J. Hayes, Star Route Box 2266, Goulesboro, PA 13424

"TV DX keeps getting better, but so far no new stations added. Equipment here is a 14 inch RCA set on a log periodic, 3 combination antenna.

5-21 Es	1700 UNID-2 & 3 PTA Tenn.6-2 Es	1230 KALB-5 Alexandria LA
	1716 WBRZ-2 Baton Rouge	1230 KTBS-3 Shreveport LA
	1717 KTBS-3 Shreveport 6-3	1000 WPBT-2 Miami Fla
5-22	1200 WTHS-2 Miami Fla 6-5	1200 WTHS-2 Miami Fla
5-25	1313 KTEW-2 Tulsa OK	1205 UNID-3 Spanish Fr
5-30	1030 KARK-4 Little Rock	1205 UNID-4 Spanish Lasc.
	1230 KATC 3 Lafayette	2310 KNOF-2 N Platte NE
	1230 KPRG-2 Houston TX	2325 UNID-5 B Grand
	1356 WESJ-2 Daytona Ben 6-6 Ma	1634 UNID-2 Zayre Conn'a
	1901 WPBT-2 Miami Fla 6-7 Es	1200 KJAG-4 Fort Arthur
5-31	1632 KJSD-2 Vermillion	1300 KXON-5 Miltonell SL
	FM MUF to 97.1	1305 KJIV-4 Souix City IA
6-2	1200 WBRZ-2 Baton Rouge	1325 KNOF-2 N Platte Ne
	1230 WMAZ-2 State College	1332 KJIV-3 Omaha NE
		1400 KLEX-3 Lexington NE

Paul Petosky, 702 Brook Street, Munising, Michigan 49862

5-14 Tr	2003 WGTU-29 Traverse City	5-26 Tr	0230 CBLAT-11 Marathon
5-15	2145 CBLAT-8 Manit. Ont		0250 CBLAT-8 Manit Ont
	2145 CBLAT-9 Wawa Ont.		0250 CBLAT-13 Geraldton
	2145 CBLAT-11 Marathon		0300 CBLAT-9 Wawa Ont
	2150 CHFD-4 Thunder Bay		2130 UNID-2 to 6
5-19 Au	0230 UNID-2 to 6 north	5-29 Es	1300 WKRG-5 Mobile AL
Tr	0330 WNEM-5 Bay City MI		1300 WEAR-3 Pensacola
	0330 WITI-6 Milwaukee		1310 WAGA-5 Atlanta GA
	0400 WKZO-3 Kalamazoo		2247 UNID-2 east
	1330 CBLAT-9 Manit. Ont.	Tr	2255 CBLAT-8 9 & 11
	1330 CBLAT-11 Marathon	5-31 Au	1855 UNID-2 to 6
	2030 WPNL-38 Green Bay	Tr	2130 CBLAT-8 9 & 11
5-20	2030 WGTU-29 Traverse City 6-5	Es	1930 WFTB-2 Miami Fla
	1345 WPNL-38 Green bay 6-6		1230 WESH-2 Daytona Ben
	1845 WGTU-29 Traverse City	Fr	1240 CBLAT-13 Geraldton
5-21	2300 WPNL-38 Green bay		1250 CBLAT-8 9 & 11
5-26 Au	0223 UNID-2 to 6	Es	1740 WESH-3 Pensacola
			1800 WESH-2 Daytona Ben

"That's about it for this month...real odd E's...Bill Craeb called me several times, and visa versa...There would be several days when he would have E's openings in Kewaunee, Wisconsin and I wouldn't. When I would have an opening by Lake Superior he didn't get any effect of E's. In fact, he had mentioned to me he had an opening on 6-8 & 6-9...I didn't!!"

Marvin Sauls, R.R.#2, Toulon, Illinois

4-25 Es	1029 WESH-2 Daytona Ben	5-23 Tr	0643 WIVA-7 Evansville
	1230 WGBL-2 Charleston	5-24	0628 WLIO-35 Lima Ohio
	1259 WWAY-2 Wilmington		0645 WPTA-21 Fort Wayne
5-17 Tr	2300 WJHQ-41 Battle Crk	5-25 Es	1330 OKCn-2 Regina Sask.
	2310 WILX-10 Jackson MI	5-27	2100 KXFB-3 Monterrey I
	2329 WKBD-50 Detroit MI		2102 KXFB-2 Nuevo Laredo
	2330 WXON-20 Allen Park	5-29	1029 WGBD-2 Charleston
	2330 WKAR-23 East Lansing		1700 WESH-2 Daytona Ben
5-22 Es	1100 X777-2 Spanish		1730 WTHS-2 Miami Fla
Tr	1125 KBMA-41 Kansas City	5-30	0830 WTHS-2 Miami Fla
	1129 KCMO-5 Kansas City		0959 WGBD-2 Charleston SC
	1130 KMBC-9 Kansas City		1059 WJFL-5 Gainesville
5-23	0525 WKIX-19 Cincinnati		1100 WESH-2 Daytona Beach
	0528 WKRC-12 Cincinnati		1130 WEDU-3 Tampa Florida
	0530 WLWT-5 Cincinnati		1226 WAIL-2 Midland TX
	0545 WSHN-25 Evansville		2241 WESH-2 Daytona Ben
	0640 WJLV-6 WISN-8 WLWI	5-31	0326 WESH-2 Daytona Ben

Marvin Shultz, cont. Wed.

5-31 Es 0557 KIDS-2 Miami Fla 6-5 es 0910 KIDS-2 Idaho Falls  
 1000 KIDS-2 Miami Fla 0930 KIDS-2 Salt Lake City  
 1201 KIDS-2 Tulsa OK 0930 KIDS-2 Denver CO  
 1206 KIDS-2 Midland TX 1200 KIDS-2 Houston TX  
 1400 KIDS-2 Denver CO 1229 KIDS-2 Monterey  
 1359 KIDS-2 Columbia MO 1304 KIDS-3 Georgia Cry TX  
 1430 KIDS-5 Salt Lake City 1329 KIDS-5 San Antonio  
 1500 KIDS-2 Casper WYO 1530 KIDS-2 Baton Rouge  
 6-1 Tr 0900 KIDS-3 LeGrange Ala 2002 KIDS-2 Charleston SC  
 6-5 Es 0859 KIDS-2 Casper WYO  
 "The log now stands at 230 with 6 new stations and one new state,  
 Oklahoma, being added during this period."  
Bill Webb, N.Y. 12, Ellis Street, Newburgh, Wisconsin 542-6  
 Es started out slow in May but began to pick up this month.  
 Notable exceptional seen in the way of tropes.  
 5-13 Tr 1645 KIDS-4 (700), KIDS-5 (tent.),  
 5-14 Es 1905 UNID-2 from the south  
 5-15 Tr 1935 KIDS-16, KIDS-22, KIDS-25, KIDS-61, KIDS-30, KIDS-40,  
 KIDS-72; 1945 KIDS-49, KIDS-34, KIDS-27; 1953 KIDS-20, KIDS-20, KIDS-1  
 5-16 Tr 2027 KIDS-3 Duluth Minn.  
 5-19 Tr 0545 KIDS-7, KIDS-9, KIDS-12, KIDS-10, KIDS-13, KIDS-33,  
 KIDS-45, KIDS-23; 0622 KIDS-19, KIDS-22, KIDS-27 KIDS-53; 0723 KIDS-  
 KIDS-75; 1400 KIDS-16 KIDS-25 KIDS-61; 1945 KIDS-27, KIDS-34; 2011  
 KIDS-54, KIDS-57; 2 27 KIDS-21, KIDS-17 KIDS-44 KIDS-49  
 5-20 Tr 0600 Youngstown OH's 0759 KIDS-45, 1406; 0304 KIDS-44  
 KIDS-25, KIDS-33 (T) KIDS-42, KIDS-34; 1335 Erie OH's KIDS-29  
 KIDS-72 KIDS-40, KIDS-41; 1905 Dayton OH's ; 2000 KIDS-30 KIDS-30  
 KIDS-29 KIDS-20; 2219 KIDS-33 KIDS-23  
 5-21 Tr 1930 Cleveland OH's Erie OH's KIDS-27 KIDS-34  
 5-22 Es 1805 UNID-5 Tr 2015 Cleveland OH's KIDS-27 KIDS-34 KIDS-33  
 KIDS-27 KIDS-20 KIDS-40 KIDS-72; 2026 KIDS-54 KIDS-53 KIDS-23  
 5-25 Es 1707 UNID-2 3 & 4 from south  
 5-26 Tr 1640 Cleveland OH's KIDS-34  
 5-27 Tr 2103 " " " KIDS-16 KIDS-16 KIDS-20 2050 Erie OH's  
 Es 2129 KIDS-2 (340); 2200 WBZ-4  
 5-30 Es 1200 UNID-2 2 & 4 1900 Tr KIDS-34 Youngstown OH's KIDS-53  
 1945 KIDS-29; 2022 KIDS-30 (432)  
 5-31 Tr 1712 KIDS-30 St Louis MO  
 6-1 Es 2014 KIDS-3 (1192, Tampa Fla, KIDS-4 KIDS-2 (T) KIDS-4,  
 2030 KIDS-5 (T) KIDS-3 KIDS-2 (925)  
 6-2 Es 1130 UNID-2 3 & 5 to south, no time to watch, went golfing  
 6-3 Es 1923 KIDS-4 (T) KIDS-5 (T)  
 6-4 Tr 1729 Cleveland and Dayton OH's, KIDS-53; 1940 KIDS-27 KIDS-32  
 6-5 Es 1928 KIDS-2 (1972); KIDS-3 KIDS-4 KIDS-5 KIDS-6 KIDS-3  
 KIDS-5; 1957 KIDS-2 KIDS-4; 2012 KIDS-2 (T) KIDS-3 KIDS-6 (972)  
 6-6 Es 1700 KIDS-2 KIDS-3 KIDS-4 KIDS-4 KIDS-2; 1320 KIDS-2 KIDS-4  
 KIDS-5 KIDS-2 (768) KIDS-6 (T)  
 6-7 Tr 0537 KIDS-13 (345) KIDS-10 (328)  
 6-8 Es 1125 KIDS-2 KIDS-3 KIDS-4 KIDS-2 went golfing, 1917 KIDS-2  
 KIDS-3 KIDS-4 KIDS-5 KIDS-5 KIDS-6; 1950 KIDS-6 KIDS-2 KIDS-3;  
 2225 KIDS-3 (1214) KIDS-4 (1212)  
 6-9 Es 0849 KIDS-4 KIDS-6 (T) 0900 KIDS-2 KIDS-5 KIDS-6; 0930 KIDS-3  
 KIDS-3 KIDS-6 KIDS-2 (tentative) KIDS-4 KIDS-3 1015 KIDS-2 (T)  
 KIDS-3; 1100 KIDS-2 (T) KIDS-2 (T) KIDS-4 (T) KIDS-4 1134 KIDS-5  
 (1157) KIDS-6 (T)  
 6-11 Es 1131 KIDS-3 KIDS-6 KIDS-4 (T) KIDS-4 KIDS-2 KIDS-2 KIDS-5  
 KIDS-3 (T); 1237 KIDS-6 (T) KIDS-5 (916)  
 6-12 Es 1601 UNID-3 to 5 southerly  
 6-13 Es 1030 KIDS-2 KIDS-2 KIDS-3 KIDS-2 KIDS-2 KIDS-4  
 "Log now at 566"



Steve west, 432 Kenmore Road, Haverstown, Pennsylvania 19333

5-11 Es 1300 WFL-2 Cedar Rapids 6-2 Es 1200 WFL-5 Gainesville

6-12 1300 WFL-2 west 1200 WFL-5 Gainesville

6-14 Tr 0900 WFL-20, 33 Scranton 1230 WFL-5 Mobile Alabama

6-15 Es 1300 WFL-5 Alexandria LA 6-22 1230 WFL-5 Mobile Alabama

1230 WFL-5 Mobile Ala 6-24 1400 WFL-2 St Paul Minn

1400 WFL-5 Terre Haute 7-1 1300 WFL-2 Miami Fla

6-19 1000 WFL-2 St Joseph 7-2 1100 WFL-2 Monrovia MS

1030 WFL-2 St Louis 7-3 Tr 0530 North Carolina 7, 12

1200 WFL-4 Kansas City Es 1030 WFL-4 New Orleans

1200 WFL-2 Great Smoky 1100 WFL-5 Alexandria LA

6-20 1300 WFL-2 Daytona Beach 7-5 0200 WFL-2 South West

1700 WFL-4 Miami Fla 7-7 1600 WFL-2 South West

1700 WFL-4 Miami Fla 7-8 Tr 0100 WFL-27 North Carolina

1330 WFL-2 Baton Rouge 7-11 1100 WFL-2 Snow Free

Scott Harrison, 1025 14th Avenue A, Orion, Indiana 46212

"DXing Equipment: 12" Panasonic SW, POK-903 Per Bird Antenna

at 25 feet, OM counter SW Amp, 1-45 rotor, was using one in 1960.

6-19 Es 1030 WFL-2 Columbia, NJ 7-6 Tr 0718 WFL-5 Detroit 1330,

Fr 2400 WFL-3 Mason City IA 0723 WFL-40 Plain Ohio

6-20 0020 WFL-12 Wankato Minn 0723 WFL-40 Plain Ohio

0040 WFL-13 Des Moines IA 0723 WFL-40 Plain Ohio

0040 WFL-7 Waterloo IA 0723 WFL-40 Plain Ohio

0040 WFL-5 Ames IA 1330 0726 WFL-56 Detroit Mich

0135 WFL-5 Chicago Ill 0730 WFL-33 Fort Wayne Ind

6-20 Es 1510 WFL-2 Dallas 0730 WFL-33 Fort Wayne Ind

7-1 1500 WFL-2 Boston Mass 0730 WFL-33 Fort Wayne Ind

1510 WFL-2 Hartford Ct 0730 WFL-33 Fort Wayne Ind

7-2 1300 WFL-2 New York NY 0730 WFL-33 Fort Wayne Ind

1445 WFL-2 West Pattern 0730 WFL-33 Fort Wayne Ind

1530 WFL-2 Columbia Mo 0730 WFL-33 Fort Wayne Ind

1610 WFL-2 Baltimore MD 0730 WFL-33 Fort Wayne Ind

1620 WFL-2 Greensboro NC 0730 WFL-33 Fort Wayne Ind

7-6 0715 WFL-2 Cedar Rapids 0730 WFL-33 Fort Wayne Ind

0715 WFL-10 Quincy 0730 WFL-33 Fort Wayne Ind

0718 WFL-10 Milwaukee 0730 WFL-33 Fort Wayne Ind

0718 WFL-10 Milwaukee 0730 WFL-33 Fort Wayne Ind

Fr 0718 WFL-13 Rockford 0730 WFL-33 Fort Wayne Ind

John Robertson, 6065 Mariner Lane, Orswell, New Jersey 07034

4-2 Tr 0105 WFL-7 Wheeling 6-5 Es 2030 WFL-2 Denver 1100,

5-20 0240 WFL-6 Indianapolis 6-2 Tr 0100 WFL-3 Rochester NY

5-30 Es 1030 WFL-3 Tampa (1050) 6-22 Es 2050 WFL-3 World City St

5-30 1100 WFL-2 Tulsa OK

STEVE WEST, 432 KENMORE ROAD, HAVERSTOWN, PA 19333 JDT

1-12 Es 1800 WFL-2 5-24 Tr 0100 WFL-1

6-16 1000 WFL-4 New Orleans ADAMS MASS, WFL-2

1100 WFL-2 Baton Rouge SPRINGFIELD MASS

6-17 Tr 0500 WFL-12 New Bern NJ WFL-2 GREENFIELD

ALSO NORFOLK SNOWFREE MASS, WFL-40 SPRING-

UNTIL SUNRISE FIELD MASS, WFL-40

4-29 0500 SAME AS 4-29 (WFL-2) AND

5-13 Es 2100 WFL-2 St Louis (T) WFL-2 (WFL-2 REPT.)

5-14 Tr 0730 WFL-2 WFL-2 TRANS. 5-28 Tr 1745 WFL-2 S/E

0730 WFL-2 WFL-2 TRANS. 5-29 1600 WFL-2 S/E

5-15 0730 WFL-12 BINGHAMTON 5-31 1600 WFL-2 S/E

0730 WFL-20 BINGHAMTON 5-31 1200 WFL-2 STATE

0730 WFL-13 LYNCHBURG VA COLLEGE MASS, TI

5-10 0730 WFL-28 DURHAM NC C-5 Tr 0730 WFL-13

5-24 0730 WFL-73 AND 76 REPTS. LYNCHBURG VA

OF RICHMOND AND CH 77 WFL-13 (WFL-13)

REPT (CH 77) REPT. X.) WHAG-25 WFL-25

OC O WFL-73 7 REPT. C-8 Es 1100 WFL-2 ATLANTA

1330 WFL-2 ATLANTA

7000 ARKANSAS

"THE DX CONDITIONS HERE ARE GREAT, THE TROPO IS IN THE BEST

LEAST EVERY OTHER DAY AND THE SKIP TOO. I AM USING A WFL-13

1" ELEMENT YAGI AND HAVE ADDED SIX ELEMENTS TO IT AND IT

WORKS MUCH BETTER.

Continued on Page 47

# WESTERN TV DX

August 1974

Smith  
2100, Dallas, Texas 75224  
Tele: 714-437-744  
Telex: 714-437-744  
Headlines: 7 Aug, 10 Sept

Jim Pizzi, 300 Park, Trucutt, California 91454

4 Es 0942-1003 (FW to 1043) (3)(tr) 2001 KXTV 11 CA 4424  
7 Es 1300 KMD- 2 Midland TX 2303 K74CS 74 CA 3445  
1300 KWA- 4 Big Soc TX Bradlev (cf K74CS)  
1302 urId 2 Spanish 2307 KGO - 7 CA 4455  
8 Es 0820 unId 2 2311 KJLA 40 L.A. CA  
1000 KCKT 2 GritBend KS KMEK 34 L.A. CA  
1101 KMGH 2 Denver CO 2314 KCEI 26 L.A. CA  
1600 KUST- 2 Vermil. SD (& L.A. VHF)  
2000 KPIX- 2 Hickin. ME KOVR 13 CA 3044  
2020 unId 2 (HSN News) 14 tr 2152 K78CE 78 Hollister  
(KSN N? KCKT?? dpa) 2140 K59AC 59 Gonzales  
9 tr 1932 KVST 68 L.A. CA 125 (loc KTEI 54) CA  
1933 KJLA 40 L.A. CA 2141 KTEP 54 CA T  
KOST 39 SanDiego CA 2149 K74CS 74 (n?K-EF?)  
2230 KGO - 7 SanFran. CA 2200 KBFK 44 SanFran.  
10 tr 2330 KOVR 13 Stockton CA (+SF W&S Jose 36, 11)  
2352 KOST 39 San Diego 2220 KGO - 7 CA 4555  
11 Es 1130 KREM- 2 Spokane WA 2310 KOVR 13 CA  
12 Es 1350 KTFW 4 Dallas TX 17 Es 2101 KLAS- 5 (E1cl. nx)  
1400 KMD- 2 Midland TX 2050 KNOP- 2 NE (NBC) T  
1403 urId 5 (det 2, Span.) 2115 KMGH 2 CO (nx)  
13 Es 1430 KTHO- 2 Casper WY 18 Es 1245 Spn 2 soccer  
1530 KNOP- 2 NE 1845 urId 2 baseball  
tr 1920 KGER 9 CA 4444 2237 unId 2 movie  
1922 KEMO 20 CA 1055 2301 KTVQ 2 MT  
1925 KGO - 7 CA 2245 2302-07 unId 3, 4, 5

(( Jun - 7 Jul) (PDT,  
15 Es 0900 KCKT 2 KS  
KTVQ 2 MT  
CKCK- 2 Sask  
urId 4 (ABC)  
1254 CPAC- 2 Alta  
1445 KDRG- 4 "Big 4" T  
1846 KHP- 6 (FY 98.9)  
2001 KQTV 2 St Joe MO  
2028 KPIX- 2 NT  
20 Es (MUF ch 6)  
2030 KTVQ 2 MT  
2040 urId 5 (NBC) n.e.  
2100 KREM- 2 MT  
2101 KUTV 2 UT  
2109 KSLF- 4 MT (Mtn Nw)  
2122 KBOI- 2 ID  
2123 KRTV 3 MT, Mtn Nw  
2300 CBUT 2 BC (nx)  
2301 KVMO- 4 WA (nx)  
25 Es 0920 KOST 2 east  
27 Es 0900 WCKT 2 KS  
30 Es 0900 KTEW 2 OK (KTEW nx)  
1 Es 0920 unId 2  
1734 KTVQ 2 MT  
1858 CKCK- 2 Sask  
1900 CBUT 5 Edm. Alta

Quite a few days of Es in June with high MUF most days. Trop was fair to good with 1 new (KVST 8)—log at 143 + 1 tent (FW 214). Still looking for KCEI 50 and KBSA 46.  
In my last report, reception on 4/27 - f XHIT was tent. w/ XHRS also a possibility.  
UHF Translator Guide a tremendous help—highly recommended for any serious UHF work.

Richard Noel Allen, Billings, Oklahoma 74630

(12 May - 30 Jun) (CST)

Receivers: Sony Tri-Nitron KV1212  
Aerials: Winegard 11-element VHF 10p end Archer 44-element UHF 10p  
12 Es 1710 KUTV 2 UT 840 8 Es 1025 WDAY- 3 NC 1110 (21) tr 0500 KTVI 2 MO N 445  
1730 KTVN 2 NV 11220 1030 WFBC- 4 SC N 860 Es 1645 XHY- 3 MexYuc1160  
1815 KBCI- 2 ID 1100 1045 WJAR- 3 VA 1170 (TF & 3/4CB; s/cn1700)  
1855 KID- 3 ID N 700 1100 WPMI- 2 NC 1000 22 Es 1155 CKCK- 2 Ont 1020  
1950 CKCK- 2 Sask 1020 1120 KDKA- 2 PA 980 1205 WSYR- 3 NY 1210  
13 Es 2100 WCR- 2 NY 1080 1130 WPSX- 3 PA 11070 1300 KCON- 2 BanOnt1170  
2110 WSYR- 3 NY 1210 1200 WSYR- 3 NY 1210 1745 CJ10- 2 Ont 970  
14 Es 2100 XEZ- 3 ZanQro1100 1300 CKCK- 2 BanQr11170 1800 CKCK- 2 Sask 1020  
21 Es 1930 unId 2 Mexico (3/4CB, w/Globel Id) 1830 CKSO- 3 Ont 1020  
2100 XEZ- 3 Qro 1100 14 Es 1720 CBWFT 3 Mar N 930 1940 CKCK- 2 Ont 1020  
2300 unId 2 Mexico 1725 CBWT 4 Mar N 930 2000 WCR- 2 NY 1080  
25 Es 2130 KORA- 3 NV 980 1730 CKCK- 2 Sask 1020 2025 KORK- 3 NV 980  
27 Es 1910 XHY- 3 MexYuc1160 15 Es 0705 WJAR 3 VA 1170 2040 CKCK- 2 Sask 1020  
2000 XEZ- 3 Qro 1100 wDAY- 3 NC 1110 24 MS 0507 WLDW 2 CT 800  
29 Es 1645 unId 2 Mexico 0815 WDAY- 4 NV N 880 0518 XHY- 2 IA N 465  
1755 XEZ- 3 Qro 1100 0905 WMBR- 2 ME 1160 30 Es 1100 XHY- 3 NV 1160  
1810 WEDL 3 FL 1050 0925 WTTG 5 DC 11140 KORA- 3 NV 980  
1920 XHY- 3 Yuc 1160 0955 WTVR 2 VA 11110 XHY- 3 Yuc 1160  
2100 KORK- 3 NV 980 16 Es 1305 KTVQ 2 MT 965 2000 WLL- 3 FL 1050  
2145 XHBC- 3 MexECN1060 18 Es 2005 KTRR 2 Banc 11220 2135 XEZ- 3 Qro 1130  
2250 XEZ- 3 Qro 1100 19 Es 1945 KORK- 3 NV 980 2100 KHL 3 ID 900  
2300 unId 2 Mexico 1950 KREK- 2 WA 1270 2130 KTVK 3 AZ T  
1 Es 1800 WSB- 2 GA 770 2025 XHBC- 3 BC 1060 2150 XHY 3 CA T  
1830 WJAR- 3 VA 11170 20 MS 0455 WSB- 2 GA 770 2200 KXNT 2 CA 1190  
1900 WRAI- 5 NC 11050 Es 2020 KCR- 3 CA 11315 2205 WFB- 3 BC 1060  
1925 WDAY- 3 NC 11110 21 MS 0442 WBS- 2 FL 1070

Good DX & 73.

Joseph A. Markewicz, CDN Forces Station Alseck, Alseck, Saskatchewan SCL 080 (May-4-Jul) (MDT)  
 M8 tr 2300 CBKST 11 Alseck- 5555 (B)(Es) 1820 (CFCN8-2 apologize 22 Es 0820 unid 2-4  
 CFCN- 8 ton Alseck " or hvy QRM to suburbs (FM in 0920, out 0935, Spanish FM brd)  
 13 Es 1730 unid 2 from the skip stations  
 18 Es 1400 unid 2,3 2 Es 1000 unid 3 (tp, tone) 1400 unid 2-4  
 22 Es 1430 unid 2 1000 unid 3 (TG Armstrong) 1600 KARD- 3 Wichita KS  
 24 Es 2030 unid 2,3 unid 4 (Rex Hubbard) KCNT 2 Grt Bend KS  
 2100 KRBZ CA (CHAI 4 CCI) 1430 KATV 2 St Joseph MO  
 KNTT 2 CA (CFCN8-2001) Sask (gave separate Id (FM in 1440, out 1615)  
 tent XEY 3 CA (CFCN3 CCI) from CFCN-8; first time 1830 KTV 3 Kirkville MO  
 25-Jun3; in Winnipeg. Cable 4 seen them do that) KTV 3 Springfield MO  
 KXJB in Winnipeg suffers 10, 11 Es 17-1900 2,3 unid 1835 unid 2-4 (FM in)  
 CBWTL-4, CJAY-4 QRM all day. 12 Es 0230 unid 2,3 1900 unid 2-4 (FM out)  
 Botl stns are good after 0830 unid 2 23 Es 0230 Es f/out  
 KXJB s/off. 13 Es 0645 unid 2,3 1500 unid 2  
 3 MS 0550 unid 11 (2 bursts) 14 Es 1615 unid 2,3 /N/x 1530 KARD-3 KCKT 2 KS  
 6 Es 1430 unid 2,3 1650 unid 3 (Eyewitness 24 Es 2240 unid 2  
 2050-2100 CKOK-2 Ont 1700 KARD-3 (NewsWatch) 25 Es 1830 unid 2,3  
 Warton (CFCN8-2 CCI) 1726 WISC- 3 (Action N/x) tr 1800 unid 4 (Eyewitness  
 8 Es 1415 KCKT 2 Grt Bend KS 1800 KCKT 2 KS N/x; CHAT-4 CCI)  
 KARD- 3 Wichita KS (MUF below of 2 1820) Es 2000 unid 4 (Adem 12)  
 unid 4 (MUF 107.3; 15 tr 0828 CFCN- 4 Alts (s/un) 26 Es 2100 unid 2,3  
 FM gone at 2000) 16 Es 2015 unid 2,4 27 Es 1300 unid 2,3  
 1820 unid 2,3 18-21: staying in Benff. 28-Jul 4: staying in Winnipeg

Equipment used is a 1973 12" B&W Fleetwood with its own antenna or connected to a 120-ft cable tower almost outside my window. I use the cable antenna when the skip is weak, but if the skip is heavy, I disconnect it. This way I can get around CFCN8-2, CFCN-3 or CHATL-4. At work I use a 1972 19" B&W Admiral with an outdoor antenna which is on the biggest hill for many miles.

Lots of unids because there are strong stations on chs 2,3,4 here in Alseck area. I think I had better TV DX in Winnipeg, but here I've got no FM stations within 170 miles.

Fred McCormack, Des Lacs, North Dakota 58733

(May - June) (CPT)

12 Es 1135-1215 2,3 unid east (9) Es 0928 WA 78-3 (IN) 3333 1035 (22) Es 0908-1340 (MUF 107.9)  
 25 Es 1130 WMBW-2 IL 3333R 805 0959 KATV 2 MD 3023 665 1029 KARD-3 Ont 3033 1080  
 26 Es 1157 WMBW 2 MS 4445" KORN-3 NV 3335 1075 1158 CBFT-2-3445 3333 NL 235  
 1229 WSB-2 GA 0332 1330 1115 KWKH 2 CO 4433 605 Mont Laurier  
 1253 WRCB 3 TN 3044 1235 1128 KATV 2 UT 4433 725 1358 WRCB 3 TN 3333 1235  
 1357 WLDW 2 OH 3335 1035 1159 KATV 3 ID 3333 600 1403 KTB3-3 LA 4233 1155  
 27 tr 0958 KATV 9 SE 4052 1229 KYDO 3 OR 2335 1050 1528-1600 (MUF 107.9)  
 Aberdeen, ex-KC00) KREM-2 WA 4443 740 1700 KCKT 2 KS 3343 690  
 JB Es 1128 KBTX 3 TX 3445 1240 1258 CFAC-2 AL 4443 600 1729 KSNB 4 NE 3435 590  
 1130 KPRC-2 TX 3435 1310 1300 GFCN-4 BC 3045 875 Superior (ex-KHTL)  
 1628 WBRZ 2 LA 3335 1340 Kamloops 1730 KARD-3 KS 4445 750  
 1658 KETC 2 AR 3333 1040 14 Es 1932 KBTX 3 TX 3333 1240 1744 KTEW 2 OK 3033 875  
 1753 KBTX 3 TX 3334 1240 1942 KCKT 2 KS 2335 690 1747-2237 (MUF 177.9)  
 1752 (MUF 95.5) 1959 KFTX-3 TX 3445 1000 1800 KTCB-5 (TN) 3345 1265  
 1826 KMTL-2 TX 4444 1115 2018 KACE-3 TX 2335 1155 1817 WOKI-4 TX 3434 1305  
 1828 KWAB 4 TX 3334 1095 15 Es 1258 KBTX 3 NC 3335 1385 2254 WLDW 2 OH 3333 1035  
 1900 KACB-3 TX 3432 1155 1300 WFTV-2 NC 3433 1390 2257 WTDW 2 IN 3034 925  
 1928 KIL-3 ID 3333N 600 1305 (MUF 95.1) 2345 WAVE-3 (TN) 3444 1035  
 1930 KTVK 3 AZ 3333 1150 1328 WKKI-4 WV 3335 1245 28 Es 1934-2030 Ch 2 107.9,  
 1959 KATV 6 IL 3434 790 1353 WKA-2 IA 3333 1190 Ont-Que area, unids  
 2055 KYDO 3 OR 3333 1050 1519 WBRZ 2 LA 4444 1340 29 Es 1509 KDAI 2 AZ 3335 1030  
 2 Es 0900 KATC 3 LA 3333 1335 21 Es 2140-50 2,3,4 unid west 1407-1444 (MUF 104.7)  
 KTB3-3 LA 3333 1155 22 Es 0728 WCR 2 NY 3035 1155 1957 CKON2-2 Ont 3333 NL 150  
 2030 CBOT 4 Que 3334 1240

(The Global CKON xmt is at Bancroft, Ontario.) May and June were pretty poor months for Es. I think the quantity of Es has been declining yearly since I began DX'ing. I hope we are near the bottom and about to see an improvement. The 22nd was one of the finest skip openings I have noted, and signals were on channel 2 for 14 hours. This helps to make up for the balance. Very little tropo noted yet, but still hopeful for a good season. 73 and best of DX.



## WESTERN TV DX

August 1974

12/75) 1756	WJL- 2 NE	215 (20)Es	1528 WOI- 5 IA	T 905 (22)Es	1859 KTVL 2 MT	1245
1807 WJL- 2 SF	920	1545 WJL- 4 MI	T1225	1929 KTVL 2 WY	1015	
KDLO- 3 SD	1070	1559 WJL- 3 MI	1140	1933 KQA- 4 CO	T 810	
1805 KIX- 2 (trans B)	1225	1600 WJL- 2 IL	T1045	2125 KHT- 3 IL	T1215	
1818 KFYR- 4 (GCCI)	T1200	1620 WJL- 4 MI	T1100	2153 KUTV 2 UT	1020	
1917 KREZ- 6 CO	T 755	1629 WJL- 2 WI	1190	2200 f/out		
1924 KOTA- 3 SD	1040	1805 WJL- 2 NC	T1360	23 Es 0935-40 unid 2 n.w.		
1924 KFLO- 6 SD	T 955	1835 f/out		1028 KXKT 2 CA	T1190	
2013 KXLF- 4 MT	T1365	2005 WJL- 2 NC	1175	1450 KXKT 2 CA	T1190	
2059 KID- 3 ID	1215	2044 WJL- 2 IN	935	1455 KXKT 3 CA	T1270	
tr 2120 KOSA- 7 TX	280	2058 unids 2-6		1500-25 YSR-2EL Sal	T1200	
Es 2128 WJL- 2 IA	945	2103 WJL- 3 KY	945	1515-35 unid 2 Spanish		
2240 f/out		2107 WJL- 2 OH	1075	0859 KUTV 2 UT	1080	
19 Es 0020-0110	2 vy spotty	2126 KGLD- 3 IA	985	0930 KCPX- 4 UT	T1080	
0555 KUTV 2 UT	1080	2129 KUSD- 2 SD	920	0955 KID- 3 ID	1215	
0840-0900	2 unid	2232 KID- 3 ID	1215	1012 KORK- 3 NV	T1050	
1000 KTVK 3 AZ	T 835	2235 KUTV 2 UT	T1080	KVVU 5 NV	T1040	
1010 KCAI 2 AZ	T 855	2236 KMTV 3 NE	T 530	(1030 MUF 98.5)		
1015 KORK- 3 NV	T1050	2300 spx f/out		1059 KTVL- 2 WY	1015	
1110 Span. 2 s. or s.w.		21 Es 0225-0320 WJL-2IL 1045		1320 f/out		
1135 KNBC 4 CA	T1190	(rather late/early opening)		1400-30	2,3 unids	
KSBY- 6 CA	T1335	0450 unids 2-4		1420 KOTA- 3 SD	T1040	
KEYT 3 CA	T1270	0659 WJL- 2 (sgnl 358)		1525 WJL- 4 MN	T1110	
1159 KXKT 2 CA	1190	0729 WJL- 4 SC	1120	(MUF 94.5)		
1415 f/out		0743 unids 2-6		1529 KFYR- 5 NL	T1200	
1446 KIL- 3 ID	1215	(0824 MUF to 107.9)		KTCV- 2 MN	1110	
1805 KUTV 2 UT	1080	1229 WJL- 2 IL	1045	KDLO- 3 SD	1070	
1824 KCPX- 4 UT	T1080	1310 f/out for 45min		1540 KDIX- 2 ND	1225	
1835 KSL- 5 UT	T1080	1429 WJL- 2 NC	1175	1605 f/out		
(MUF to 98.7)		WJL- 3 NC	1250	1650 WJL- 3 CA	T1050	
1759 WMT- 2 IA	945	1459 WJL- 2 FL	1155	1658 WSB- 2 CA	880	
2108 KLINE- 3 NE	T 735	1559 WJL- 2 FL	1155	1720 WJL- 2 IN	935	
2110 KUSD- 2 SD	T 120	1625 WJL- 4 FL (n) 1150		1723 KTVL 4 (GCCI) T 955		
KIIX- 2 ND	1225	1628 WJL- 4 FL	1150	1728 WJL- 4 TN	T 820	
2111 KZLQ- 3 SL	1175	1749 WJL- 5 FL (n) 1150		1729 WJL- 2 TN	820	
2210 KGN- 2 CO	810	1940 WJL- 4 FL	1015	1735 f/out		
KOA- 4 CO	T 810	2010 unids 2,3 Spanish		1935-2000 KTVL 2 TN	T 790	
KRMN- 6 CO	T 810	2259 WJL- 2 OH	1075	2320 KTVL- 2 WY	T 1015	
2220 KTVL- 2 WY	1025	WJL- 2 IN	935	KOA- 4 CO	T 810	
2315 f/out		2310 f/out		2359 KWN- 3 (s/off) 110		
2355 f/in		24 Es 0425 unids 2,3		0710 WJL- 4 FL	T1150	
24 Es 0010 KIL- 3 IL	T1225	0725 WJL- 2-3		WJL- 5 FL	T1150	
0025 WJL- 6 IL	T1195	(0838 MUF 107.9)		0720 WJL- 2 FL	1150	
Pocatello		1059 KZLQ- 3 FL	1250	0723 WJL- 5 FL	T1150	
0400 KXLF- 4 MT	T1365	1220 f/out		(MUF to 94.3)		
0400 WJL- 2, f/out		1320 KZLQ- 2 (Prot. BE)	1280	0740 f/out		
0905 WJL- 2		1343 WJL- 2 (Prot. BE)	1225	0829 KTVL- 2 WY	1015	
0955 WJL- 4 SC	T1120	1350 WJL- 4 MI (GCCI) T1225		0847 KTVL- 3 WY	T 875	
0959 WJL- 3 NC	1250	1355 WJL- 6 ONT	T1580	0859 KTVL- 3 CO	315	
1005 WJL- 3 CA	T1050	Partic (Global CB)		KCPX- 4 UT	T1080	
1010 WJL- 3 NC	T1155	1450 WJL- 2 (Prot. BE) 1140		0927 KTVL- 3 IL	1175	
1028 WJL- 3 TN	365	1459 WJL- 2 AL	1045	(0927 MUF 98.7)		
1029 WJL- 2 CO	1120	spn f/out		1017 KQA- 4 CO	T 810	
1035 WJL- 5 SC	T1140	1555 WJL- 3 IN		1025 WJL- 2 CO	315	
(1158 MUF 97.1)		1559 KTVL- 2 MI	790	1045 KTVL- 2 WY	1015	
1115 WJL- 2 OH	1075	1600 KZLQ- 4 MI	T 790	(in to 1245)		
1130 WJL- 2 TN	360	1620 WJL- 4 MI	T1120	KOA- 3 IL	1040	
1223 WJL- 2 TN	1175	1625 WJL- 2 MI	1120	1317 KZLQ- 4 CA	1175	
1355 WJL- 4 (GCCI) T1140		1700 WJL- 3 IL	935	1327 KXKT 3 CA	1270	
1400 KZLQ- 2 MI	1240	1701 WJL- 2 MI	1140	KZLQ- 2 CA	1190	
1429 WJL- 2 IN	935	KTVL- 2 MI	1155	1350 f/out		
1441 KTVL- 2 WY	T 835	1711 WJL- 2 IA	790	1355-2000 2-4 Spanish		
1447 WJL- 2 (GCCI) T 770		1724 WJL- 3 IL	1200	(1355 WJL- 2 WY	1015	
WJL- 3 IL	75	1732 WJL- 2 IL	1140	(1355 WJL- 2 WY	1015	
WJL- 3 IL	1140	(T over local)		1710-1800 2-4 Spanish		
WJL- 3 IN	T 1250	1829 KTVL- 3 WY	1240			

# WESTERN TV IX

August 1974

26 (h) 1910-1 1 ( 1 )  
 1335 YR - 2 TL 100  
 1730 2 Ev - 2 ver 700  
 1740 YSL - 4 EL 1020  
 1758 XT - 3 Puch T 720  
 1800 XPT - 4 IT 760  
 29 1840 XCI - 4 1120  
 1850 XSB - 2 GA 780  
 1859 XCB - 2 1120  
 1920 XCA - 2 GA 1050  
 1940 MUF 104.0  
 1125 MTA - 2 IT 935  
 1132 MIA - 3 IL 935  
 1159 MPT - 2 IA 945  
 1240 WJBK-2 TigerBB1122  
 WK70-3/TigerBB1140  
 1300 WFRM-2 IL 1040  
 1312 WDAY-2 WI 1190  
 1359 KIAL-3 MN 1250  
 WFBT-2 FL 1150  
 1408 WCCO-4 MN 1110  
 1430 f/out  
 1712 KTKA-2 PA 1280  
 1750 WTAZ-4 PA 11280  
 1759 WPSX-3 PA 1370  
 (MUF 89.3)  
 1825 WJAC-4 PA 1133  
 2050 KXHT-2 CA 1190  
 2059 XTEG-3 WCN 101  
 2139 WFMY-2 NC 1175  
 2230 KUSD-2 SD 920  
 2300 KOSA-7 TX 280  
 2315 Es f/out  
 W/21-40CRS telethon, most stns  
 superimposed lcl town & phone  
 #s - valueless asset for quick lds.  
 30 Es 0755 WBRM-2 IL 1045  
 0825 WMT-2 IA 945  
 0828 WDAY-2 WI 1190  
 0840 KDIJ-2 ND 1225  
 tr 0844 KLEB-13 TX 340  
 KSEL-28 TX T 340  
 KCBF-11 TX T 340  
 KSWB-8TX(11)T 440  
 0847 KTVQ-2 MT 1245  
 0859 KTHO-2 WY 1015  
 0902 WISC-3 WI 1065  
 0913 WCIA-3 IL 935  
 0918 WJBK-2 MI 1225  
 0920 KDAL-3 MN 1250  
 0925 Cuba 2 Spanish  
 0959 WGBD-2 SC 1120  
 1005 WCIV-4 (GCCI) 1120  
 1030 KID-3 IL 121  
 1059 WSB-2 GA 880  
 WNCB-2 TN 820  
 (1130 Meta-Carrsdb  
 1105 WBTB-3 NC 1175  
 1130 WRCB-3 TN 865  
 (MUF 80.1)  
 1154 KNXT-2 CA 1190  
 KTVK-3 AZ T 835  
 KBC 4 (GCCI) 1110  
 1159 KORK-3 NY 1050  
 KVVU-5 NV 1104

(30) Es 1210 WMY-2 NC 1175  
 1228 WLA 12 (Red-BB) 1075  
 1315 f/out  
 1368 KPTA-2 1040  
 1399 KJW-2 70  
 1411 KIN-2 WY 101  
 1416 KNU-4 1040  
 Has Spanish f (A-3)  
 1416 f/out  
 1415 Spanish 2 Spanish  
 1448 WLA-2 FL 1100  
 1453 KTV-4 70  
 1459 WLA-2 AL 730  
 WET-3 AL T 94  
 1500 WSA-3 CA T 104  
 1538 WMT-2 FL 11150  
 1540 KIT-3 IL 1225  
 2037 CBAT-3 MA 1141  
 2050 NIA-2 HI 1245  
 KILA-3 SD 1070  
 2210 KFYR-5 (GCCI) 11200  
 2128 KGO-2 NE 815  
 2202 KQAI-2 AZ 755  
 2230 KEYT-3 CA 11270  
 (Alertent. KXIT2, KXKCA)  
 2245 f/out  
 1 Es CSI-2 Spanish  
 2248 WFMY-2 NC 1175  
 0935 KQCN-2 CO 810  
 KCA-4 CO 700  
 KOKA-5 (GCCI) T 310  
 0952 KYCU-5 WY T 875  
 0959 KTW-4 WY 1015  
 1020 KCTA-3 SD 1040  
 KTS-3 CO 70  
 1102 KTLA-5 (GCCI) 11100  
 1129 KSTV-4 BCN 1100  
 (1190 MUF 107.7)  
 1205 KSBY-4 CA 11335  
 1225 KNEC-4 (GCCI) 11100  
 KQAI-2 AZ 855  
 KTVK-3 AZ 835  
 1353 KFTV-4 IL 11195  
 1410 KUTV-2 UT 1080  
 1418 KCPA-4 UT 1080  
 1428 KSL-5 UT 1080  
 1514 KID-3 IL 1215  
 1540 south 2 Spanish  
 1610 UnId 4 Mexico?  
 1659 KQLO-3 IA 985  
 KTA-2 MT 1245  
 1729 KTVN-2 WY 1015  
 1734 KRTV-3 MT 11410  
 CrFalles, f/42  
 1753 KOTA-3 SD 104  
 1855 KFYR-5 (GCCI) 11200  
 1859 KLN-3 NE 785  
 1902 KTLA-3 SD T 925  
 1945 UnId 2,3 Spanish  
 1959 KTAO-3 MO 835  
 2050 KQAI-2 AZ 1280  
 2113 KUST-2 UT 920  
 2117 KFT-2 IA 45  
 2150 f/out  
 2 Es 2750 KTVJ-4 (GCCI) 11150  
 2755 KFBT-4 IL 1150

2 Es 0850 KAT 2 AZ 855  
 KRC-3 AZ 1040  
 KTV-4 WY 11040  
 KRC 4 (GCCI) 11100  
 ANXT 2 CA 11100  
 KAT 3 AZ 285  
 KRC 5 AZ T 935  
 KSBY-4 CA 11235  
 WESP-2 FL 1055  
 KAT-4 FL 1115  
 KRC 6 FL 135  
 (1117 MUF 107.1)  
 1835 KNXT-2 CA 1190  
 Alert. WTEG, KTLA 5  
 KBC 3 BCN 1010  
 KAT 4 BCN 1100  
 KXMA-5 BCN 11100  
 KID-7 SD 920  
 KTL-3 ST 11070  
 WMT-2 IL 945  
 WDAY-2 WI 1190  
 f/out  
 2 Es 0745 WLA-2-4  
 0828 WTEG-4 TN T 990  
 (0830 MUF 94.3)  
 1020 KILA-2 ND 1225  
 WGBE-2 TN 520  
 WRCB-3 TN 855  
 1229 KTV-2 IN 935  
 1255 WBBM-2 IL 1040  
 1344 WTAZ-4 PA 11200  
 1345 CBAT-4 MA 11410  
 1450 WDAY-2 WI 1190  
 1525 KFYR-5 (GCCI) 11200  
 1528 KTLA-2 (f/out) 150  
 1825-1734 2-4 UnId  
 1900 KQFL-5 FL 1110  
 1912 WCCO-4 (GCCI) 1110  
 Just as well it faded out in  
 eve. as CR54WBCnet breaks were  
 put of sync w/ PB54ABC due to  
 Pres. speech - a rather messy  
 thing if one is used to 70secs  
 before br/ghr they to local.  
 4 Es 0825 KQAI-3 WY 1080  
 0828 KXVI-2 CA 1190  
 0840 KQAI-2 AZ 855  
 0845 KTV-3 WY 11040  
 0923 KTLA-2 (f/out) 1190  
 0925 KNEC-4 CA 1190  
 (1d over local)  
 0926 KTV-3 AZ 335  
 KTHO-4 AZ 1035  
 (0950 MUF 104.5)  
 1028 KFTV-4 BCN 1100  
 1200 WDAY-2 WI 1190  
 1220 WBBM-2 IL 1040  
 1344 WTAZ-4 PA 11200  
 1345 CBAT-4 MA 11410  
 1450 WDAY-2 WI 1190  
 1525 KFYR-5 (GCCI) 11200  
 1528 KTLA-2 (f/out) 150  
 1825-1734 2-4 UnId

4/1r 2202 KVRL 24 TX 195 (XEs)(0829) WTR 2 TN 820 (7)(E) 1550 WGBD- 2 SC 1050  
 5 Geomagnetic storm depresses 0832 WLAG- 5 (GGL) T 820 1418 WCI- 4 SC T1120  
 about anything ionospheric. 0858 WAVE- 3 KY 945 1625 f/out  
 6 0935-46 2, 3 unids west 0940 WALS 2-6 1729 WECB- 2 FL 1055  
 1338 WWS 2 (BravesBB) 820 (1031 Mkr to 98.5) 1733 WBT 2 FL T1150  
 WTR 2, 3 0659 WTW 2 IN 035 1739 WELU 3 FL T 087  
 1406 ATX 2 IN 5 1027 KWL 5 TN T1040 1805 Cuba 2 Havana?  
 on "out 1026 KGRK 2 TN 1040 1829 KID - 3 II 1215  
 1440 WTR 2, 3 1029 KAT 2 CL 91 1834 KTV 2 MT 1245  
 1940-55 male 2, 3 n.e. 1159 KUTV 2 UT 1060 unids 2, 3  
 1220 f/out 1930 f/out  
 829 WALS- 3 TN 845 1558 WSAV- 3 CA 1050 tr 2348 KID- 4 TN 250

A somewhat extensive period for "Xing". 8 new stations on Es brought overall TV total up past 25. No response yet from tentative report to WLSB-2, but plan to send follow-up. Getting the short-slip to 1415 2 rare since the CCI from more distant stations usually bury such things.

Too bad the CBO telethon wasn't around the time of the barbed shower as a lot of high-band stuff would have been very easily ID'd as the phone numbers, etc. superimposed; had hoped to get a few ID's over locals 4 & 5 that way with Es but no luck there.

The recent geomagnetic storm should have given the more northerly members a more personal activity; it was about the most intense in about 2 years. 73, WFLIX.

I am at a relative's place in Walnut Creek, California at the moment, using a well-known typewriter, so the clarity of reproduction may not be ideal. I left my notes on the short back in March, so there would be an E-cho in the time we'll come up with it next month's column. As I write this, I am planning to attend the WFLIX Convention at Las Vegas, Nevada, August 14-15, though it will be past when you read this. As usual, I will be travelling by train from California.

There was a lot of trouble conditions to speak of in Midwestern areas in June. What time I spent was along the west coast, in the middle of the summer during which a lot of trouble was at this time of the year. There was a lot of trouble most days the about 1000-1100 AM range with relatively high field strength, but apparently spotty in others with high field strength. The most serious trouble was in the 1000-1100 AM range, as usual, in the 1000-1100 AM range, though a geomagnetic storm on 5 July showed things were a little better. As for the trouble, early July may have brought some trouble in the northern areas from that storm. The meter had a very high reading, possibly a very high reading in the 1000-1100 AM range. The meter had a very high reading, possibly a very high reading in the 1000-1100 AM range. The meter had a very high reading, possibly a very high reading in the 1000-1100 AM range.

FM NORTH (continued from page 23)

Fred Nordquist 302 Sandra Lane North Syracuse, NY 13212 (EDT) 12/73

All stations new to log

12/9 2213 WRC 93.9 Wash, DC on airplane flutter	6/16 1328 WRFL 92.5 Winchester VA on airplane flutter
12/13 2336 WJMI 99.7 Jackson MS w/ Jackson Wx.Geminids MS	1915 WBSA York, PA
12/14 0035 WMC 99.7 Memphis TN Ms.	6/19 1750 WQXA 105.7 PA
1/1 1626 KAFM 92.5 Dallas TX w/rr	6/20 0002 WJAL 96.5 PA with Nx
Es 1650 KNOK 107.5 Ft.Worth TX rr	1730 WSOR 95.3 Ft.Myers FL religious program
1710 KRLY 93.7 Houston, TX rr	6/21 1840 WCRB 102.5 Waltham MA w/classical Mx
2/12 2250 WQNA 107.7 Albany NY w/cw	1859 WBZ 106.7 Boston w/rr&Nx
2/22 1945 WAYZ 101.5 Waynesboro PA	6/22 1134 Unid Cuba 90.5
2/23 0129 WQLN 91.3 PA Nite-Flite	Es 1208 WDAE 100.7 Tampa FL w/cw
2/25 2043 WHYI 102.3 Carlisle PA	1354 WBUS 93.9 Miami Beach
3/21 1847 Au noted w/WMBI hrd 600mi	6/26 2000 WGTS 91.9 Takoma Park MD
4/15 2232 WDKX 103.9 NY. w/soul Mx	6/30 Es to bermuda 1319 to 1329
4/26 0002 WCBK 101.9 Fallmouth MA	7/2 0009 WGFV 99.9 N.Y. s/off
4/29 2217 WQEK 103.9 N.Y. Moh	0017 WWSC 95.9 Glen Falls NY
5/6 2020 WMAL 107.3 Wash, DC. on airplane flutter	0015 WINE 95.1 Brookfield CT
5/8 0036 WGER 104.5 Wellsboro PA	0109 102.5 Satellite of CBO-FM hrd w/CBO s/off annt at 0109 in MPX & L&C
5/11 0110 WXXI 91.5 Rochester NY	7/5 Strong Au at 0010
5/15 1810 Au noted w/WMBI relog	7/6 WSUS 102.3 N.J. cw 1942
6/7 1250 WLYT 92.3 Ohio w/rr	2000 WEZX 107.1 PA MoR
6/14 1936 WLIN 95.5 Miss. Id's as "Beautiful WLIN"	7/8 1742 WHLM 106.5 Bloomsburg PA
6/15 0001 WIYQ Ebensburg PA s/off	
1515 KMYO 95.7 Little Rock AR	



# EASTERN TVDX

Bill Thompson  
1007 Seneca Street  
Buffalo, NY 14210

August 1974

Deadline: 10th

It's been a very productive ship season for most Xers in the East. E-s'1 has been reported to this column for every day in June except the 16th and the 23rd. The number of reporters varies each day from one to six, with a few "regulars" yet to report. Without question, the intense Bs that occurred on June 15th will be remembered by many Xers, especially those in the Northeast who followed the MET to 107.9 MHz. It was one of those days that started wet, with the MET up to ch 6 (or possibly higher) by 0000 ET. Information about when the MET got into TV ch 2 is still sparse, but this editor understands that it may have appeared as early as 0030-0700! June 15 was (of course) a multiple ship cloud day, and for this reason many Xers were actually hindered by the GOI at two, three, or even four stations at once can create. June 20 was another very good ship day; Dave Ryan in Quebec experienced 11 hours of TV ship on that date! At this point, the 5th, 11th, and 22nd also see to have exhibited above-average characteristics, depending upon your location.

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (772)

Ken Simon 528 Pillm Road West Palm Beach, Florida 33409  
 "...another bang-up month...the only lat-lon...at the rainy season, 'bout  
 9-10 inches...John Combs got more rain...er broke a record. Visited  
 Richard Clark's and saw some ship...he's been at my house a few times and  
 of course he was ZILCH. Identified by 10...country...will be doing some  
 August III from GUATEMALA, EL SALVADOR and COSTA RICA...maybe even from the  
 plane, unless they threaten to throw me out...Hopin' for an answer to a  
 tentative report to the Dominican Republic which would make \$13...can any-  
 one come up with a schematic for a crystal controlled rx to cover the TV  
 IF freq. + and - 10 kHz with a 5 kHz selectivity that would solve many off-  
 set problems? How 'bout...anyone at CADA...or Jerry or...? 73s"

June	18 Es	1876-2	Santiago de Cuba	R
4 Es	1553	YNTC-2	Managua NICARAGUA	
	1553	WLPW-3	Mayaguez PR R0970	
	1600	WKAQ-2	San Juan PR R1000	
	1600	TGV-3	Guatemala City R	
5	1607	ETVI-2	St Louis MO R1020	
	2304	WJMK-2	Detroit MI R1110	
	2304	CHCO-2	Warton ON R1280	
	2304	WYTC-3	Cleveland OH R1040	
6	1815	WFDK-3	Wichita Falls TX R1100	
	1857	KJAC-4	Ft Arthur TX R0640	
	1857	WAT-3	Lafayette LA R0700	
	1900	WJEC-2	Houston TX R0275	
	1915	WTV-2	Toronto Ontario R1020	
	1924	WJIT-3	Corpus Christi TX R1040	
	2000	WTVI-2	St Louis MO R1020	
7	1616	WKAQ-2	San Juan PR R	
	1616	WJIT-3	Mayaguez PR R	
	1830	WJIL-3	Harrisburg IL R0900	
	1900	WTVI-2	St Louis MO R1020	
8	2335	WTVI-2	St Louis MO R1020	
11	1811	YNTC-2	Managua NICARAGUA	
	1837	TGV-3	Guatemala City R	
	2308	WJEC-3	Memphis TN R0820	
	2308	WTVI-3	Springfield IL R1080	
	2314	WJEW-2	Pulaski MO R1160	
Tr	2330	WJIL-20	WTVI-24, WJIT-240	
12 Es	0700	unID-2	earliest noted Es	
	0700	WJEC-3	Memphis TN R0820	
Tr	2225	W61AA/W64AD/W69AA	R	
13 Es	2020	WYTC-3	Cleveland OH R1040	
	2020	CKVR-3	Barrie Ont R1240	
	2200	ETVI-2	St Louis MO R1020	
	2200	WTV-3	Kirksville MO R1180	
15	0900	WJTV-3	Clarksville TN R1100	
	0905	WJEC-3	Cleveland OH R1020	
	1400	WJIT-2	Detroit MI R1100	
	1829	WJEC-2	Santiago de Cuba R	
	2135	YNTC-2	San Salvador S.R. R	
20	1000	WJEC-3	Wason City IA R	
	1015	WJEC-2	Warton Ont R1280	
	1015	WTV-3	Kirksville MO R1100	
21	1557	WTV-2	Gedard Rapids IA R	
	1557	WJIT-3	Champaign IL R	
	1820	WJEC-2	Wichita Falls TX R1180	
	2300	WJIT-3	Corpus Christi TX R	
	2330	WJEC-2	Houston TX R0275	
22	0928	WTVI-3	Springfield IL R1080	
	0930	WTVI-4	Wichita Falls TX R1400	
	1000	WJEC-2	Pittsburgh PA R0960	
	1030	WTVI-3	Philadelphia PA R0960	
	1038	WTVI-2	St Louis MO R1020	
	1130	WJIT-3	Syracuse NY R	
	1200	WTVI-3	Wichita Falls TX R1240	
	1230	WJEC-3	Hartford CT R1180	
	1300	WJEC-2	Boston MA R1200	
25	1618	WJEC-2	San Juan PR R	
	1630	WJIT-3	Mayaguez PR R	
26	1735	WTVI-3	Hartford CT R1100	
29	0940	WJEC-35	WTVI-44	
Es	0940	WJEC-4	Dallas TX R1040	
	1108	WJEC-2	Houston TX R0275	
	1230	WJEC-2	Baton Rouge LA R0720	
	1330	WTVI-3	Champaign IL R1090	
	1400	WJEC-2	Chicago IL R1160	
	1900	WJEC-2	Baltimore MD R0220	
	1900	WTVI-2	Utica NY R1200	
	2000	WTVI-3	Philadelphia PA R0960	
	2000	WTVI-3	Cleveland OH R	
	2330	WTVI-2	St Louis MO R1160	
30	Tr	0728	WJEC-44	Clarksville TN R1100
At	Litho	use	Joint IL (Clark's)	
30	Es	1553	WJEC-3	Corpus Christi TX R

David J. Egan 12A Andrew Valleyfield, Quebec J6S 3B2 (EDT)

2	Sr	1805	mID 2-4 (FL)
1	Tr	0212	VTEW-6 HA
1	MS	0717	HIM-2 II
	r	0740	GTON2-2 Ont+

Microsoft (195)

5	3s	0953	WJXT-4	FI
6		1830	ALB-3	MS
		1830	WRDL-3	GA
		1848	WJXT-4	FI
		1900	WVY-4	AL
		1925	WWT-2	LA
		2000	WTC1-2	MN

"two clouds here, I suspect, no sign of Minn. on ch 4, likewise for the south on ch 2"

7 Tr 0230 WCVB-5, WNAZ-7  
38 1100 KSTV-3 NE  
1200 KLAS-5 NE  
1202 KTNL-4 LE  
1206 WDAF-4 MO  
1207 KONO-5 MO  
1210 KOW-6 NE  
1211 KSTV-2 MO  
1215 FTVC-3 LA (KO)  
1220 KTOX-4 MO  
1243 KSIL-3 IL  
1314 KARD-3 KS T  
1130 WRBL-3 GA  
1135 WTVY-4 AL  
1140 KSAV-3 GA

10 0224 CJCK1-2 Nfld  
Grand Bank (820)

0227 GJOX-3 KFLA  
0228 GJGN-4 KFLA  
1827 TTCA-2 MN  
1833 EDAL-3 MN  
1845 WCCO-4 MN T  
1925 WMT-2 IA  
11 1130 JSL-4 TN  
1130 WTC-5 TN  
1130 WLAG-5 TN  
1135 KNOX-4 MO  
1136 REC-3 TN  
1145 GJSD-6 KY T  
1148 KART-4 AR  
1159 TABG-6 MS T  
1204 JSL-3 IL  
1217 WDAF-4 MO  
1240 HTVI-2 TX  
1255 KTYV-3 MO  
1257 KSD-5 MO

St Louis (945)  
1333 JFSA-5 AR T  
1359 KGO-5 LK  
1412 KTV-3, WO J-6

"Beginning in TH, skip  
oved down thru MB, up  
thru AR to IC then brok  
into 2 paths, one into I  
and another stronger pat  
to EB, where it died 142

12	1230	JXT-4	FI
14	1130	ACTV-4	SC
	1130	JXT-4	FI

14 Es 1137 WYAT-5 NL  
1145 WBAV-3 GA  
1209 AST-4 TN  
1220 ELS-2 TN  
Nashville (1910)  
1832 LHY-2 NC  
1837 WWAY-3 NC  
1838 WRE-3 TN  
1839 WSH-4 TN  
1845 KTVL-2 MO  
1846 ITXX-4 MO  
1848 WBCV-3 NC  
"aired wedge TP thru  
1905 for some reason"  
1850 WLAC-5 TN  
1852 WAGA-5 GA  
1859 WJBF-6 GA

Augusta (910)  
 1908 WTVY-4 AL  
 1923 WTCG-5 AL  
 1939 WRBL-3 GA T  
 15 Tr 0323 CKGN-2-2 Ont  
 Re 0850 "skip strong  
 thru ch 6 already"  
 0850 WDBC-6 FL  
 0858 WUPT-5 FL  
 0915 WJXT-4 FL  
 0932 WTVY-4 AL  
 0932 WTL-4 LA  
 0933 WDSU-6 LA T  
 0939 KATC-3 LA  
 1025 WRBL-3 GA  
 1230 KATC-3 LA  
 1232 KALB-5 LA  
 1244 KARE-4 AR  
 1258 "skip setting

very heavy (3 or 4  
stms per channel)"  
1300 KDFW-4 TX  
Dallas (1500)  
"state #35, most  
distant ch 4 so far"  
1305 KPSA-5 AR  
1335 KOCG-5 OK  
1400 WDAF-4 FL  
1400 WARD-3 IS  
1400 WISN-3 WI  
1400 WCIJ-2 IS  
1402 WGTU-5 MO  
1412 WKY-4 OK  
Oklahoma City (1420)  
1501 WMO-5 TN  
1510 "GCT thin-

ning out to 1 or 2  
stns ch 4-5-6, still  
3 or 4 per ch 2-3"  
1542 KARC-4 AR  
1544 KATC-3 LA  
1630 "skip final-  
ly died out, one of  
the most exhaustive  
openings in 7 or 8  
years"

16 Au 0330 "mush NNE"  
17 Es 0237 CBWFT-3 Man  
Au 0245 "strong NNE"

17 MS 0253 "a series of  
bursts seemed to 'feed'  
strength to aurora,  
after bursts, period-  
ic video on ch 2 for  
about 2 minutes"

19 Es 1100 WREB-3 GA  
1106 WSB-2 GA  
1108 WTVY-4 AL  
1110 WREC-3 TN  
1111 WWL-4 LA  
1112 WAGA-5 GA  
1115 WDSU-6 LA  
1129 KARE-4 AR  
1133 WMC-5 TN  
20 Es 1155 WTVY-4 FL  
1158 WFTV-5 FL  
22 Es 1225 \*CGI strong  
like 6-15, 3 or 4  
stars per ch. to ch. 5\*

1229 CHFD-4 Ont  
Thunder Bay (775)  
1230 KMTV-3 NE  
1257 WTMJ-4 WI  
1315 CJAY-4 Man  
1316 CBWF-3 Man  
1335 WLAC-5 TN  
1400 WTVJ-4 FL  
1403 WPTV-5 FL  
1415 WEDU-3 FL  
1430 WJXT-4 FL  
1655 WOI-5 IA  
1658 KTVQ-3 IA(MO)  
1700 WHBF-4 IL  
1702 KMTV-3 NE  
2000 KLEB-3 NE  
Lexington (1320)

2000 KMTV-3, WOW-6  
2005 (KSNB)-4 NE  
(ex-KHTL Superior -bt)  
2007 KARD-3 KS  
2009 KCKT-2 KS  
2010 WDAF-4, KCMO-5  
2015 "My monitor-  
ing was halted be-  
cause of work. I  
must have missed THE  
opening of the past  
7 or 8 years. From  
2015 thru 2100, lo-  
cal WOAX-3 had to  
air announcements  
explaining to 'many  
inquiries' what was  
going on, and CCI  
was strong (over-  
powering the locals)  
until at least 2300  
local time..."

24 Es 1729 RTCA-2 MN  
1800 WCCO-4 MN  
1805 KSTP-5 MN T  
25 Es 1815 WSEH-2 FL  
1845 unID-3  
"suspect CJOX-3,  
ir. entia flid"

## David J. Egan (continued)

June

26 Es "This was an 11-hour opening, I monitored about 50-55 different stations. As soon as one cloud dispersed, another formed and followed the same path; this went on all day."

0951 WESH-2 FL

0959 WSAV-3 GA

1000 WJXX-4 FL

1013 WTVT-4 SC

1022 WTVT-5 FL

1035 WRBL-3 GA

1113 WISC-5 SC

1119 WSB-2 GA

1140 WUNC-4 NC

1141 WRGB-3 TN

1145 WUHD-2 NC

1148 WPTV-5 FL

1149 WTVJ-4 FL

1151 WSM-4 TN

1154 WPMY-2 NC

1159 WPTV-3 NC

1212 WGTB-5 VA (TN)

1214 WPEC-4 SC

1217 WSL-3 IL

1223 WESH-2 FL

1225 KTVI-2 MO

1229 KVOX-4 MO

1230 KTVT-3 MO

1238 KQTV-2 MO

26 3s 1250 CJOX-3 Nfld

"some inverted OCI to NNE as on 6-25"

1253 KLP-4 IL

1322 WTV-4 AL

1327 TM-4 TN

1430 WRCB-3 TN

1436 WLAC-5 TN

1442 WDAF-4 MO

1445 (FSTB)-4 TN

1449 KLAS-5 NE

1450 YOW-6 NB

"cut CBMT right out"

1459 KTV-4 IA

1500 (KXON)-5 NE

(I had them on 6-22

using their new call,

Dave. -bt)

1502 WOL-5 IA

1504 KMTV-5 NE

1512 KILC-6 SD

1517 KTV-3 IA (PO)

1519 KTV-5 MO

1528 WREC-3 TN

1530 WKY-4 OK

1559 CJAY-4 Man

1601 CKX-5 Man

Brandon (1240)

1605 KPYR-5 ND

1620 CKCK-2 Sask

"all alone thru CBMT"

1627 "new cloud

taking over"

1645 KSM-4 TN

26 Es 1702 KSD-5 MO

1714 KTV-4 MO

1715 KTV-4 MO

1718 KTV-3 FL

1757 KTV-4 SC

1800 KTV-3 FL

1800 KTV-3 GA

1830 KTV-4 AL

1900 WPEC-4 SC

1947 KSD-4 MS

2003 KTV-5 TN

2007 KATV-4 AR

1925 to ch. 6

2340 to ch. 9 NME

26 Es 1329 WPTV-5 FL

1857 WEDU-3 FL

1710 KTV-2 TN

1855 KTV-2 FL

1905 KTV-4 FL

1912 KTV-4 FL

29 Tr 0323 CBMT-11 FL

0325 CBMT-3 IQ

0327 CBMT-11 FL

Es 1912, 1945 unID

30 Tr 0400 CBS V's 250mi

from J.D. Der. "Teletor

MS 0400 CBS surate to

on 5 v. Telet on

Es 1.15 KTV-4 FL

1400 KTV-5 FL

1400 KTV-2 FL

1859 WEAR-3 FL (AI)

1900 WJXX-4 FL

1910 KSD-3 FL

"Small notes to finish off the report, CLE-7 Sherbrooke PQ has been having problems lately, being off the air a substantial part of mid-June. I have been noted testing AN for about 10 days now. I should explain that I am able to identify a great number of stations with the help of channel offset maps I made from the WTTA TV loc. For example, if I am pulling in Jacksonville on ch 4 there is a good chance the 4 offset CCI on ch 3 is Savannah GA. In cases of numerous clouds I usually wait for positive IDs, but I have found in the last year or so that the estimation of offset interference by use of the maps is quite accurate and so I am able to identify signals without waiting for station breaks. Before anyone jumps to conclusions, I only do this with relogs, if I have never had the station, my estimation is marked as 'tentative'. New stations are counted only when I have substantial material and positive identification. Until next issue, 73."

## Paul D. Traska 64 Weaver Avenue Buffalo, New York 14206 (EDT)

February

21 Tr 1245 CKGN-1-22 Windsor Ont 2332N

March

18 Tr 0830 WFGH-53 Pittsburgh 3444N

April

16 Es 2300 WEDU-3 Tampa FL 3343R

2300 ICR-6 Havana CUBA 1222R

2300 WFTV-5 Gainesville 3344R

2300 WCIX-6 Miami FL 3344R

2340 WEAR-3 Pensacola FL 4444R

2340 WFRG-5 Mobile AL 4444R

May

21 Es 1700 unID's 2,3,5,6 Southeast

29 1305 KAUZ-6 Wichita Falls TX R

1305 WBAF-5 Ft Worth TX 4444R

1400 KFSA-5 Ft Smith AR 4444R

1400 KTVG-6 Dodge City KS 4444R

30 1100 WEDU-3 Tampa FL 4444R

30 Es 1100 WEAR-3 Pensacola FL 3333R

June

5 Es 2000 WEAR-3 Pensacola FL 4444R

2000 unID-6 Spanish

2010 KGM-6 Cerrito TX 4344N

2124 KGM-6 New Orleans 3434N

Tr 2200 WJXX-4 Cambridge OH 4444R

2200 WJXX-4 Alliance OH 4444R

11 Es 1230 KOMO-5 Kansas City MO 4444R

1230 KATV-3 Wichita KS 4444R

1230 WFSB-6 Raleigh NC 4444R

22 1330 KTV-5 Thomasville 3344N

1430 KTVG-6 Dodge City KS 4444R

1500 KOTA-3 Rapid City SD 4444R

1500 KLINE-3 Lexington NE 3444N

2359 KLAS-5 Hastings NE 3333R

2359 KFLC-5 Reliance SD 3333R

"w/12 NEW, log is at 235, 31 states"

in Alexander 8 Court Inolle New Hartford, New York 13413 (EDT)  
 "I hadn't ever seen Bs for 4 days in a row until it hit July 1-4. June 26  
 was the best Bs day I have ever seen, with Bs almost all day long, from al-  
 most every possible direction. The last couple of days have also brought  
 some good tropo--lots of CUEH-11 and WHEG-12 hadn't come in for over a year.  
 The session on the 8th of July was the first time that conditions were good  
 enough to bring in the Global station from Ottawa/Hull. Hope everyone has  
 been doing well."

June	26 Es	1710	WJW-4	Milwaukee WI	N
11 Es	1200	KTOX-4	St Louis MO		N
	1230	KYTV-3	Springfield MO	R	July
	1300	WDAF-4	Kansas City MO	R	1 Es
12	"Zenith set being repaired--	1630	WDAF-4	Kansas City MO	R
	Sylvania color set being used now"	1630	KOKC-5	Kansas City MO	R
21 Es	1930	KTCB-2	Minneapolis MN	N	2
	2000	WJAL-3	Duluth MN	N	3
22	1040	WJTV-5	Winnipeg Man	N	2
	1100	WJAL-3	Duluth MN	N	3
	1114	CIX-5	Brandon Man	N	4
	1200	KTCB-2	Minneapolis	N	5
25	"Zenith set back"	1530	WJTV-4	Grand Falls Nfld	R
26 Es	1030	WREB-3	Memphis TN	R	7 Tr
	1038	WZLW-3	Pensacola FL	R	8
	1100	WJAY-3	Wilmington NC	R	9
	1200	WJLH-3	Harrisburg PA	N	10
	1400	WJTV-5	Halifax NS	R	11
	1405	CJCB-4	Sydney NS	R	12
	1405	WJLH-5	Halifax NS	R	13
	1405	CJCB-6	Caledonia NS	R	14
	1530	WTV-4	Sioux City IA	R	15
	1530	CBWT-3	Winnipeg Man	R	16

Bill Thompson	1907 Seneca Street	Buffalo, New York	14210 (EDT)	
June	29 Tr	2130	CKGN-22	Cottan Ont
20 Tr	2140	W73AR-73	Arcade NY	3055N
	2149	W81A2-81	Cattaraugus Cty NY	
	(three possibilities, all run //)	July	2130	CKLN-9
	2221	W80AK-80	Springville NY	N
	(excellent; VAFI 4555 by 2330)	1 Es	2200	unID-2
21	0000	CKGN-1-22	Cottan Ont	N
	0002	WJCN-20	Allen Park MI	
	0002	WKBD-50	Detroit MI	
Es	1228	WGLX-6	Miami FL	
	1228	WPTV-5	W Palm Beach FL	
	1300	WDBO-6	Orlando FL	N
	1300	WFTT-5	Gainesville FL	
22	1329	WEDU-3	Tampa FL	
	1335	WCTV-6	Thomasville GA(FL)N	
	1343	WBIQ-2	Dozier AL?	T
	1400	WSP-2	Atlanta GA	N
	1559	KLNB-3	Lexington NE	
	2000	KTVS-3	Sterling CO	
	2030	KXON-5	Mitchell SD	N
	2059	KTV-4	Sioux City IA	N
	2100	KPLC-6	Reliance SD	
26	1328	KGLO-3	Mason City IA	N
	1330	CJCB-3	Rimouski PQ	
	1358	CHHT-3	Halifax NS	
	1400	CJCB-5	Halifax NS	N
	1400	CJCB-6	Caledonia NS	N
	1427	CKCW-2	Moncton NB?	T
	1500	KDLC-3	Watertown SD	
	1525	WMT-2	Cedar Rapids IA?	T
28	1759	WBDU-3	Tampa FL	
	1759	KTV-5	W Palm Beach FL	

Frequent tropo along Lake Erie & into IA and OH, it's very peculiar recent-  
 of Toledo & Cleveland W's & V's, and lots of o.s. morning tropo to  
 the North, something new this year. Aerial station visible in the  
 northern sky in wee hours of 7-6 despite city lights.



# VHF UTILITY DX

Pat Dyer  
5115 Silvertip Drive  
San Antonio, TX 78228  
Deadline: 12th of month

AUGUST 1974

In the June VUL (p. 3) some comments from members concerning this column were printed. It would be better for all concerned if those with any specific suggestions would communicate them to me directly where they would receive more speedy attention.

As to the matter of new product information...I am reluctant to review equipment that I have not personally worked with (the manufacturers do not bestow me with models to check out etc.) There is such a glut of 30-50, 148-175, UHF etc equipment now available it wouldn't be practical to comment on each new Radio Shack, Midland, Heath, etc that came out. In 1967, when I started serious 30-50 MHz DXing, the then scarcity of such equipment would be unimaginable to anyone who has just recently arrived on the VHF-UHF monitoring scene. My first rcvr was a \$25 Radio Shack Patrolman, at a time when the only other things around were \$200.

Perhaps if more of the members out there with scanners etc. would send in some reports then this wouldn't always be "...a little one-page column". Some might wish to examine the more expansive columns of late 1970 and early 1971 (when there was more F2 DX available).

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed, GMT used

(6-13-73, 0111, WSA 89 37.30	Chipley, FL (sheriff))
1-21 2011, KKQ 927 37.04	Weiner, AR (sheriff)
2-151 2027, N7831U 119.7	Balt. Friendship Arpt. (T.S.S. Flying Club, Inc.; Cessna 172, Skyhawk)
3-17: 0106, N8733 128.7	over Boston, MA (TWA 756; Boeing 707; 25 w)
4-121 1703, N5203G 119.7	15 mi e Balt. (V&F Aviation, Inc.; Beech B-35, single-engine, 4-seat)
13: 1221, N8936E 128.3	30 min s LaGuardia (Eastern 584; DC-9; 25 w)
1412, N8852E 131.0	20 min " (Eastern 892; B 727; 25 watts)
27: 1903, N7973N 122.8	nr Easton, MD (Ches. Bay Fly. Club; Chero. 180D)
28: 1548, N8205P 122.8	nr Bay Br. Arpt, MD (Sheldon L. Shealer; Comanche PA-24; 1-eng, 4-seat; 4000 feet)
2-12: 1000, KGE 795 45.9	Carlisle, PA (police net)
1104, KGL 556 46.06	Shippensburg, PA (county fire)
KGD 611 46.06	Chambersburg, PA (county fire)
18: 0130, KDV 793 46.42	La Plata, MD (county fire; 330 watts)
25: 1752, N9976L 119.7	5 mi s Balt. (Friendship Flying Associates, Inc.; Grumman A4B)
26: 1621, N6698U 119.7	ov Pasadena Inter., MD (Michael Snyder; Mooney MK-21; 2500 feet; 10 watts)
1953, N6442G 122.8	vic Easton, MD (Brinckerhoff Flying Service, Inc.; Cessna 150; 800 feet)
27: 1840, N7574Y 122.8	vic Cambridge, MD (Phil Gardener Aircraft Sales; Twin Comanche)
29: 2217, KCK 545 39.50	Raceland, LA (state police, Troop C; 500 w)
31: 1903, KAG 793 42.58	Belmond, IA (Dept. of Public Safety; 3 kw)
6-11 1906, N34404 122.6	ov Crofton, MD (Richard Z. Seron; Cessna Cardinal 177B; 9 watts)

Now, my loggings (rather meager as most time spent with TV & FM Es). Hallcrafters SX-62/Allied A-2586 with two 30' wires at 12' (n.e.-s.w. and n.w.-s.e. runs). All are Ls, with solar noise bursts those matching weekly data bulletin from Boulder; GMT used

6-13: 1540, KQD 607	16: 1525, L Beach	17: 2142, KIF 651
14: 0012, KQC 884	1533, KIE 053	19: 1438, KMA 829
0031, KQD 313	171 0028, KIN 645	21: 0736, KFL 943

21. 0809, KSC 645	1. 2147, Sol. noise	6. 2218, KMA 829
24. 2046, L Beach	2. 1510, "	2224, L Beach
27. 2340, KFL 943	3. 1659, KIE 953	7. 0025, L Beach
28. 0008, KME 438	1902, Sol. noise	8. 0620, KME 438
0400, KMA 829	1935, KSJ 815	9. 0630, KQD 313
2209, KQD 600	2217, San Diego	
J1. 1613, Sol. noise	2218, KME 438	

KFL 943 35.58	Las Vegas, NV **	KQD 313 35.50	Dayton, OH
KIE 953 35.58	Atlanta, GA	KQD 600 35.22	Mansfield, OH
KIF 651 35.58	Pt. Lauderdale, FL	KQD 607 35.50	Grand Rapids, MI
KIN 645 43.22	Miami, FL	KSC 645 35.58	Chicago, IL
KMA 829 35.58	San Diego, CA	KSJ 815 35.22	Fort Wayne, IN
KME 438 35.22	Orange, CA	- 35.58	Long Beach, CA *
KQC 884 35 +	Detroit, MI	- 35.38	San Diego, CA-mp

mp-mobile phone; rest are pagers, tone, except \* voice & \*\* tone message with voice ID

The first week of July brought forth the most active solar region since August of 1972. Numerous 30-50 MHz (and even TV and FM) solar noise bursts (caused by flare activity) were readily observed incidental to regular monitoring.

The ionospheric D layer, usually ignored in VHF considerations, becomes an item of concern at the time of such flare activity. Being some 40 miles up, signals must pass thru the D region before they arrive at the Es (or F2) layers. With the strong ultra-violet radiation from solar flares (principally the Lyman alpha line at 1216 Angstroms), D layer ionization is increased to the point that large absorption will take place in the h.f. bands (i.e., short-wave fadeout or a blackout). The high density of neutral (unionized) particles in the D region compared to electrons results in frequent collision, and thus loss of signal energy.

When a h.f. blackout does occur with VHF Es in progress, it will often create the weird situation of no signals coming thru below 30 MHz while those above 30 MHz appear virtually unaffected.

Along with this solar activity, the largest geomagnetic storm in almost 2 years (with large auroral effects up north) hit on July 5-6. Here on Jul 5 the F2 and Es MUF's did not appear to rise over 21 MHz for the day. The evening of Jul 4, (Jul 5 GMT) when storm onset beginning, it is highly likely that the F2 reached above 30 MHz to Latin America, but lack of signals at that late hour probably prevented any loggings.\*

If the active solar region returns (late July) similar events will be probable. If these high solar fluxes (130 units at 10.7 cm) and A-indices (over 100) had occurred at a more F2-prone time of year (i.e., not mid summer) it would have been very possible for MUF's to be shot close to the TV region.

In spite of the recent activity, smoothed sunspot and solar flux data show a steady decline in Cycle 20 continuing. However, this doesn't rule out isolated periods of high activity before the end of the cycle (now set for August 1975).

Since the "setting" of region #433 (as the sunspot region was known), the solar flux has resumed a more common level (80 or below) of low activity.

\*For a general discussion of geomagnetic storms, see the January 1974 column, P22.

# FM QSL CORNER

Greg Kelley  
108 Archer Street  
Staunton, VA 24401

**OH** ARLINS WOJP 91.3 ltr, bs. ILD JACO. 100.1 ltr, bs. BELLAIRE WOMP 100.5 verie on back of encl. (P)  
CUCYRUS WBCO 92.7 ltr, FALD CLIKER, CE (P)  
CANTON WBBC 94.1 QSL Cara, JOHN SC. (P)  
COLUMBUS WSPQ 94.7 usual AM QSL-corrected, no v/s. (P)  
COLUMBUS WNCI 97.9 ltr, W. L. S. WELLS, CE (P)  
CINCINNATI WLQA 98.5 ltr, L. V. S. CE (P)  
DAYTON WHIO 99.1 QSL Card no v/s. WISE 104.7 ltr, R. W. DAYTON, CE (P)  
DAYTON WDAO 107.7 ltr, K. L. S. (P) - gave on - e - ltr - ltr - me.  
FINDLAY WFIN 100.5 ltr-EDGAR S. I. H. CE (P)  
FAIRFIELD WFOL 94.9 ltr-J. P. McALL, CE (P)  
HOLLAND WPOS 102.3-tnx note on memo per J. L. Y. BLACK (P)  
MARION WMRN 106.9 ltr F. J. P. McALL, CE (P) first rpt de Canada  
MT. VERNON WMOV 93.7 postcard-no v/s (P)  
NAPOLION WNDH 103.1 ltr-RAY MALONE, eng. (P)  
NEWARK WCIT 100.3 ltr, RALPH V. (P)  
POLEDO WIOT 104.7-form ltr-FRANK COO, CE (P) but call ltr.  
TOLEDO WHIE 92.5 ltr, dial card, info-W. L. S. McCOY, CE (P)  
WOOSTER WWST 104.5 ltr, BURTON L. J. (P)  
YOUNGSTOWN WHOT 101.1 ltr, J. L. Y. (P)

**WSOC**  
AM-FM-TV

WSVA TV-AM-FM  
Members of the Gilmore Broadcasting Group  
Rivier Pike, Harrisonburg, Virginia 22801

**OK** ADA KTIEN 93.3 ltr-JAMES Wm. DOLLAR, CE. (J)  
EDMOND KCBC 90.1, 2 ltr, pgm g. ltr-J. WOOD, MTR. (J)  
MCLESTER KNED 101.3 ltr, LEE ANDERSON, CE (J)  
POPLAR KINE ltr, V. F. NOWLIN, M (B)  
OKLAHOMA CITY KXKL 96.1 ltr, PAUL E. GILMARTON, CE (J)  
OKLAHOMA CITY KFNB 101.3 ltr, RICHARD C. CORNER, gm (J)  
TULSA KAKC 92.9 ltr, LARRY CRAIG eng. (B) wondered if I had show on AM.

**PA** BEAVER FALLS WBVP 106.7-form ltr-ltr, JAMES ROUGH, CE (P)  
BEDFORD WAKM 100.9 ltr, GLENK FITCHER, CE (LV)  
CENTRAL CITY WCCS 100.7 ltr, CHARLES L. POUCHAVILLE, CE (LV)  
ERIE WQLN 91.3 QSL card, info, no v/s (P)  
GREENSBURG WOKU 107.1 QSL Card-LYLE ALLEN, CE (P)  
INDIANA WQMU 103.1 verie on envelope, DAYL J. MILLER, CE (P)  
PITTSBURGH WPEZ 14.5 QSL card, no v/s...WPIT 101.5 ltr, MICHAEL KOMICHAK, CE  
PITTSBURGH WQED 89.3, ltr, LISA CARLIS, all Pittsburgh rpts de (P)  
SOMERSET WYSC 97.7 ltr, RAYMOND P. SPOWELL, CE (P) ham call ARO WEPVG  
STARVIEW WRHY 92.7-verie on CK 60 DAN P. MOUL, gm (LV)  
STATE COLLEGE WQWK 96.7, ltr-WILBER D. PILLS, WBSAY (LV)  
UNION CITY WCTL 106.8 -lengthy ltr, ALVIN H. LANDERS, CE (P)  
UNIONTOWN WPQR 99.3 ltr, JIM HYDZIK, tech eng. (P)  
WAYNESBORO WAYZ 101.5-verie my o/c, TO. ARKLEBRAND, music dir. says my  
my report 4th most distant for normal reception (GK)  
WILLIAMSPORT WRAK 102.7 ltr, GLENN L. SHILMAN, CE (P)

**RI** PROVIDENCE WRHU 95.5 ltr, KIP HAWLEY, vo & gm (JM)  
**SC** GREENVILLE WESC 92.5 ltr-LOWELL FLETCHER, M (BE) been hri in Danmar, TX.

contributors: JM --Joe Markewicz Manitoba KOCOMO...PS -PAUL SAWAIZKY in Waterloo, Ontario...BE--Bruce Elving, Adm, An...LV Larry Fort, Springfield, Va....PD--PAT DYER, San Antonio, Tx...FW--Frank Wheeler in Erie, Pa.  
GK is me....

all QSL rpts are specific unless otherwise stated.

Notes: I've been exchanging tapes with AL MILLIS of Bedford, Ont. and writing ltrs to other members. I'd like to see ltrs & reports from other Va members in Richmond, Lynchburg and Danville...lets get with it....  
73s for this month....

**WCPA** 1973

**wfgw/wmit**



# TV QSL CORNER

Kenneth R. Simon  
528 Pilgrim Road  
West Palm Beach, FL  
33405

AUG '74

THE ILLUSTRATION IS SELF EXPLANATORY... on to the reports:

AL WAIQ Ch 26 MONTGOMERY, WEIQ Ch 42 MOBILE, WGIC Ch 43 LOUISVILLE-ltr for all 3 from WEIQ, AL RENO, eng. & tech. dir. 4 days.(JC).  
 WKAB Ch 52 MONTGOMERY, ltr, JACK B. DAVIDSON, ce. 5 days.(JC).  
 GA WDCC Ch 15 COCHRAN, hand-made card, WALLACE T. LYNCH, ce. 4 days.(JC).  
WACS Ch 25 LAWSON ( Rt.1, Box 75A, PARROTT, GA 31777),ltr, RALPH E.GHANN,ce.5 days.(JC).  
WJSP Ch 28 COLUMBUS, post card, DONALD W.THOMAS, ce. 6 days.(JC).  
 IN WPTV Ch 4 BLOOMINGTON, ltr, TERRY SIMPSON, prom. mgr. 16 days. (JC).  
 IO KTIV Ch 4 SIOUX CITY, 4¢ post card (NOT postage due!) AL SMITH, ce., 3 days.(KRS).  
 KS KARD Ch 3 WICHITA, ltr, MRS.J. RYANNE LADLEY, prom.mgr. 7 days.(JC).  
 MS WMAH Ch 19 BILOXI, ltr, from WMAH, FORREST L. MORRIS, d.e. 4 days.(JC).  
 MO WLAF Ch 4 KANSAS CITY, ltr, JAMES P.SCHMIDT, ce. 1 week (KRS).  
 NC WPMY Ch 2 GREENSBORO, card, mentions DX reception from other areas, D.Thompson,ce, 6 days.(SS).  
 SC WIS Ch 10 COLUMBIA, ltr, notes my closeness w/ WPLG-10, JOSEPH P.GILL JR.,ce.1 week, (KRS).  
 TX KLUD Ch 2 MIDLAND, mimeo ltr, GEORGE WRIGHT, ce. 11 days.(WH).  
 VA WTVL Ch 27 PORTSMOUTH, non-specific ltr,booklet. WILLIAM T. GREGORY. 1 mo. (KRS).  
WNYT Ch 53 GOLDSVILLE, friendly letter from W-TDA member LARRY T.VOCT, KAUED. 1 week. (JA).

CA KLAS ZFHQ6 Ch 11 over HIGH ROCK, GRAND DAMBIA...see illustration  
 CANADA GJOH6 Ch 6 DESERONTO, ONT. ltr.A. S. K. REEVE,ce. 1 week.( Box 5813,Station #, OTTAWA,ONT. K2C 3G6 ) (KRS).  
 MEXICO KMY Ch 3 MERIDA ltr. w/invite to station. C.P.ANDRES, MARCIA LAVIN, dir.gen. 15 days.(JK)...Greg: I've been to Merida and it's really nice...ed.

CONTRIBUTORS: JC=JOHN COMES,Orlando,FL;SS=SCOTT SIMPSON,Orion,IL;WH=WILLIAM L. IE, Shelburne,FL;JA=JIM ALEXANDER,New Hartford,NY;CK=GREG KELLEY, Staunton,VA and KRS is me, KEN SIMON, 528 PILGRIM RD.,WEST PALM BEACH, FL. 33405...keep them 3 x5 cards and letters commin...SUPPORT YOUR CLUB. SUPPORT YOUR COLUMN!

## A BRIEF NON-TECHNICAL NOTE ON PHOTOGRAPHY

BY KEN SIMON

A very easy and inexpensive way to photograph TVDX involves using a Kodak instamatic camera, or any other brand for that matter. First, they involve using NQ settings, just aim and shoot. Second, an inexpensive close-up lense is available from Lafayette Electronics, about \$3. Third, film and processing is cheap and the only modification needed should cost nothing.

I have not used the close-up lense but shot film at a distance of about 2½ feet and hand held with reasonable results. The only trick involved is using a SPENT flash cube. If you don't, you end up with a half-frame picture. Most any camera store or counter at a department store will give you a bad flash cube free.

If you are forced to pay LIST PRICE, a few stores charge this, you can be set up for a maximum of \$20. Another advantage of this is the shutter in 'EL CHEAPO' camera uses a fly leaf and not an expensive focal plane shutter. A focal plane shutter tends to cause a diagonal line from the upper left to lower right on the picture.

For best results, have the film DEVELOPED ONLY, then you can pick and chose among the negatives and won't have to pay for printing of duplicate or useless photos. I sometimes shoot more than one shot of a station just incase...

As an illustration a photo of WFLA-TV Ch.8 Tampa FL, a distance of 170 miles is shown with an AAMCO ad. Photo taken 10 NOV 73 with a KODAK X-15 camera using regular instamatic film and regular processing.The camera was hand held about 2½ feet from a 19-inch black and white RCA portable TV of mixed parentage.



73' Ken

# PHOTO-NEWS

Jim Alexander  
8 Court Knolle  
New Hartford  
New York 13413

Greetings, fellow DXers. This will mark the beginning of a new photo column. Photos of DXers; equipment, and TV-DX will be the main items used in this space. With your support, the column will appear each month.

First, some photos of TV-DX forwarded by Hq :



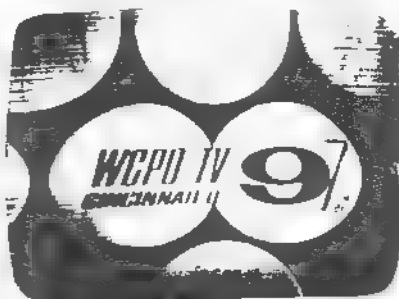
17/11-



4/23-17, Atlanta, Ga.  
450 mile tropo (RL)



KRGV-5, Weelaco, Tx.  
520 mile tropo (RI)



WCPO-9, Cincinnati, Oh.  
640 mile tropo 9/19/70 (LP)

All contributors will be listed by initials after each contribution, and by name at the end of the column. This month: RL = Ron LeBlanc, New Orleans, La. ; KS = Ken Simon, West Palm Beach, Fla; LP = Les Prus, Manhattan, Ks.

When sending photos of TV-DX, please list the following info :  
1) Call letters and location of the station photographed; 2) Location of reception, and the distance from the station received; 3) Mode of propagation by which the DX was received; 4) Date of reception

For photos of equipment, please specify each piece of equipment that appears in the photo.

So let's hear from all you photo bugs! Contributions; comments, and suggestions are both appreciated and encouraged. Looking forward to hearing from YOU...

# PITTSBURGH TV NEWSCASTS!

---by Clarke W. Ingram

After several years of not making any big issue of their nightly news programs, Pittsburgh television station have suddenly realized that the news broadcasts have a great effect on the station's popularity and ratings. All of the local and semi-local stations have sprung into action in one manner or another to promote their newscasts to the fullest.

Undoubtedly the most popular news name is that of "Eyewitness News," of which almost every city has one. This is the case with our local KDKA-2. As one might expect, their newscast also pulls the highest ratings in the area, sometimes even outranking national programs in the local ARB surveys. However, they've been slipping a little recently, despite the fact that they undoubtedly have the best newscasters in the city. As a result, they've been putting on a massive promotional campaign, with such slogans as "Lots More Film" (which is true) and "Eyewitness News is Everywhere." Having been the first station in Pittsburgh (as was their AM counterpart, KDKA-1020) it's not surprising that they're on top.

WIIIC-11, their only true competitor, has really been pouring on the steam in the past two months or so. As a matter of fact, for all the promotion they've been doing, they might as well become an all-news station, or adopt a partial all-news format. Lately, they've been IDing as "The News Station" very often (about every 15 minutes). There is only one difficulty with this, and it is that their announcers tend to read the slogan in such a manner as to make it sound like "The New Station," which, having come on the air in 1958, they most certainly are not. WIIIC has also just had a new set of ID slides made up to this effect, and air hourly promos featuring their newscasters. If you ever catch them on tropo be sure to stay tuned for Ray Tannehill---he has a style somewhat reminiscent of Ted Baxter.

Now to the only other station promoting news in Pittsburgh, WTAE-4, which is last in the ratings, has always been last, and most probably will always be last. Their news team consists mostly of KDKA and WIIIC rejects. For about ten years their newscasts were known only as "The Channel 4 News." Recently, however, they became the "Channel 4 Action News," which as any fool can see, was mooched from WTAE-10 in Altoona. Along with this is used the slogan "The Best Is Getting Better." At least it's given a few Pittsburghers a good laugh. WTAE has, however, adopted an innovative new logo, which you will find on the next page; recent ARB's have, however, shown that it has not made much difference.

It's not really fair to compare PBS station WQED-13's news broadcasts with the commercials', because of their limited budget. This leaves WPGH-53, whose last attempt at a news broadcast came back in 1971 with five minutes of news at 10:55. Not much is expected from them, news- or program-wise.

In semi-local news, WSTV-9 just had a new set of ID slides made, and stole WIIIC-11's theme song for their "News Hour." An interesting note on this is that on Sundays their "News Hour" lasts from 11 to 11:15 PM. Well, I suppose that's how it is in Steubenville. They're 33 miles away and we can't even get a good signal. I recently saw Cronkite doing a local promo for this station and nearly fell out of my chair. How they ever got him I'll never know.

WTRF-7 has been expanding their newscasts, which all have the name of "----- Report" (Evening, Noon, et al.) They really aren't too much competition for WSTV in the Ohio Valley. (TV-9 has an old WIIIC newscaster.)

On the next page you'll find some TVG samples of what's been going on in Pittsburgh news. KDKA-2 may score an easy victory, but at least it's an exciting battle. ---73, Clarke

# Bill Currie



NOON, 6, 7, & 11 PM

Bill believes that sports is the toy department of our lives. So you don't have to love sports to love Sweet Old Bill. He's no spring chicken, but he covers the sports scene like one. And he talks your language. Sure you get all the scores, but there's more: the colorful Currie barbs, and the unpredictable commentaries. Bill Currie is just another reason why:

**Eyewitness News is everywhere.**  
**KDKA-TV 2**

**CHANNEL 4**  
**ACTION NEWS**

THE BEST IS GETTING BETTER  
6 & 11 PM WEEKDAYS • 6:30 & 11 PM WEEKENDS  
WTAE-TV • PITTSBURGH



**EVENING REPORT**



MON.-FRI.  
6 P.M.

**WTAE-TV 7**  
WHITING

**It's What's Inside That Counts!**



Tim,  
Dan, Wes,  
Eric, Karen,  
George & John

**TV10 Action News**

**WTAJ-TV 10**

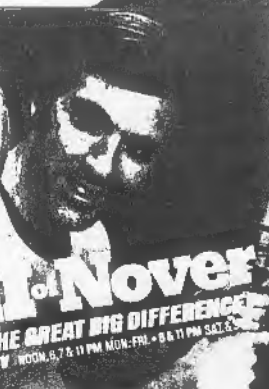
**Sat. & Sun. 11PM**  
**Mon.-Fri. 6 & 11 PM**

\*\*\*with all of the inside stories!

**NEWS HOUR**  
20 days at 6:00 p.m.

**WSTV-TV 9**

What makes  
**NEWSWATCH**  
**SPORTS**  
different?



the **GOVERNOR**  
**WATCH THE GREAT BIG DIFFERENCE**  
WTAJ-TV • NOON, 6 & 11 PM MON-FRI • 6 & 11 PM SAT & SUN

Central TV Continued

James H. Gould, State RD-13 & US 31.  
 12-14 Tr 2200 WGVJ-35 Grand Rps.  
 12-25 2300 WFIU-30 Bloomington  
 12-28 2200 KOLR-10 Springfield  
 2220 KDLN-30 St. Louis  
 2227 KMTG-27 Springfield  
 3-10 1330 KEYG-12 Mankayto 5-20  
 1530 KLIN-11 Des Moines  
 2200 WHO-13 Des Moines  
 2300 KROC-10 Rochester  
 2355 KCRG-9 Cedar Rapids 5-22  
 3-11 0003 KWWL-7 Waterloo IA Es 0926 UNID-2  
 0011 KEO-11 Sioux Falls 1000 KDLN-2 MI.  
 3-14 2210 WLF-34 South Bend 5-23 Tr 0550 WFAZ-15 Fair  
 new equipment inst. 0555 UNID-39 Colo.  
 3-16 0145 UNID-5 ENE 0745 KMTG-27 Springfield  
 Es 2200 KTW-2 Casper Wyo. 0800 KQUC-44 Cambridge  
 3-18 Tr 0737 WBBJ-57 Lima Jalisco 0325 KLSB-27 Topeka  
 1300 WKMA-35 Madisonville 0900 KQIV-29 Buffalo  
 2100 WKAH-23 E Lansing 0930 KVVJ-22 Vincennes  
 3-27 0130 KIVO-3 Airkaville MO 5-27 1015 KXIA-19 Cincinnati  
 2200 WNEO-45 Alliance Es 1905 UNID-3 & 5 Spanish  
 2210 WKHN-27 Youngstown 5-29 1900 WPBF-2 Miami FLA  
 3-31 0835 KBO-13 Des Moines 1845 KIII-3 Corpus Crst  
 0855 WKON-20 Detroit 1858 KXFB-3 Monterrey  
 1045 WUHQ-41 Battle Crk. 2005 CHFI-3 Halifax  
 1050 UNID-41 South 2005 WTT-4 Cape Breton  
 1730 KROC-10 Rochester Sydney  
 1930 WDRB-41 Louisville 2150 UNID-2 & 3 Spanish  
 2100 WKMR-18 Worehead NY 2000 KIII-3 Corpus Crst  
 2200 WKDN-52 Owenton KY 5-30 0600 WBOY-12 Clarkburg WV  
 2203 WLEL-46 Lexington 5-31 Tr 1730 KOLR-10 Springfield  
 4-1 0040 WFAZ-41 Pittsburg 1800 KMTG-27  
 4-9 2300 WPNE-39 Greenbay T 6-1 1630 KMTV-9 Oklahoma City  
 4-11 1730 WGAZ-3 Huntington 1700 KJSD-11 Tulsa OK  
 4-13 1930 KTHV-11 Little Rock 2200 KIII-12 Ardmore Tex  
 2136 KATV-7 Little Rock 2217 KOLN-10 Springfield  
 4-20 0700 WBEV-26 Traverse City 6-2 0047 KPEX-10 Ardmore OK  
 0700 KCMU-14 MI Pleasant 6-3 0525 WLOS-13 Asheville NC  
 4-24 2330 WNPE-39 Green day 2100 KOLR-10 Spring. MO  
 4-25 0300 WABQ-29 Somerset NY 2223 KODE-12 Joplin MO  
 4-26 0745 WABQ-29 Somerset NY 6-5 0603 WLOS-13 Asheville NC  
 0745 WALE-46 Lexington Es 2000 UNID-2 South east  
 4-27 0600 WRAU-19 Peoria Ill 2203 KDFZ-2 Dickinson ND  
 0655 WTV-62 Lexington  
 also UHF's from Mich. KY March 14th new equipment installed  
 Ohio and Wisconsin  
 4-28 0015 KSLA-12 Sreaveport new 120 foot tower  
 Es 1925 KHY-3 Yucatan (P) 4-bay quad array of o.m. model 1110  
 Tr 2200 WDXR-29 Paducah KY VHF antennas, 127 feet high, AC-982  
 5-14 Es 2230 UNID-34 Mexico VHF 24 db gain amp, Flaco 7 foot  
 5-15 Tr 2200 KCRG-9 Cedar Rapids dish with Leial Log feed mounted at  
 2200 WHO-13 Des Moines 93 feet, OAM-Ub UHF preamp, modified  
 2200 KDLN-11 " " Gonrac audio video receiver  
 2200 KROC-10 Rochester  
 2200 Madison JHF's  
 5-16 0030 KEYG-12 Mankayto  
 5-18 2200 Mich. & Ohio UHF's  
 2300 WIIIC-11 Pittsburga  
 5-19 0030 WQED-13 Pittsburga  
 0727 WJET-24 Erie PA

It looks like there has been good LX for everyone. Es has been reported almost every other day. As many as 5 and 6 people report tropo on May 22nd through May 31st. Also June 5th had 6 reporters catch that opening. Below is the list of the active skip days.

Es	May	21	22	25	27	29	30	31	June	1	2	3	5	6	7	8	9	10	11	12	13	15
# reporters		1	6	2	4	5	5	3		1	3	2	6	2	1	1	2	1	1	1	1	1

Send a photo of your antenna set up along with your next report, I'm sure everyone will be interested in seeing each others antenna set up.



SERVING THE  
VHF-UHF DX  
ENTHUSIAST

P. O. BOX 163  
DEERFIELD, ILLINOIS 60015



The VHF-UHF DIGEST is the monthly publication of the Worldwide TV-FM DX Association. WTFDA is a nonprofit organization and a member club in the Association of North American Radio Clubs.

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(1974) January, February, March, April, May, June, July, August  
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DX Guide: An absolute "must" for all TV-DXers.  
Features a list of all US translator stations  
and. The list includes call, location, power  
and. An introduction to "DXing the Translators"

An Introduction to TV, FM and V-UHF radior  
their efforts for the Worldwide TV-FM  
s, writers, artists, reporters, and  
monetary compensation. Dues and  
costage and other expenses.

The WTFDA is governed by a five man board of directors. Board members are Dave Janowiak,  
Bruce Elving, Don Ruland, Gary Olson and Morrie Goldman. VUD Editor: Donald B. Ruland;  
Publishers: Gary Olson & Morrie Goldman; Comptroller: Gary Olson; Bookkeeper: Bruce F.  
Elving; Sample and Supply Processing: David Janowiak.

# THIRD CLASS